

**May 31, 2017**  
**Project No. 3896-300-01-03b**

# **PHASE II ENVIRONMENTAL SITE ASSESSMENT**

**COOK COUNTY WEST SUBURBAN  
COALITION**

**4613, 4699, AND 4719 WEST LAKE STREET  
MELROSE PARK, ILLINOIS**

PREPARED BY



## EXECUTIVE SUMMARY

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Weaver Consultants Group North Central, LLC (Weaver Consultants) has conducted a Limited Phase II Environmental Site Assessment (ESA) of the property located at 4613, 4699, and 4719 West Lake Street in Melrose Park, Illinois (the Property) (see **Figure 1** for the approximate Property location). The Property generally lies north of West Lake Street, east of 47<sup>th</sup> Avenue, south of Division Street, and west of 46<sup>th</sup> Court (see **Figure 2 – Property Layout Map**). Weaver Consultants conducted a Phase I Environmental Site Assessment (Phase I ESA) for the Property, report dated February 27, 2017. The Weaver Consultants Phase I ESA identified the following recognized environmental conditions (RECs) in connection with the Property:

- REC-1: The potential presence of surface and subsurface impacts associated with the Property's long term use as a salvage yard, auto wrecker, used auto parts shop, and recycling facility, including the presence of drums, aboveground storage tanks (ASTs), hydraulic equipment, and petroleum related staining observed on the Property.
- REC-2: The potential presence subsurface impacts associated with a filled former stream containing unknown fill material on the Property and the eastern and western adjoining properties.

The Scope of Work for the Limited Phase II ESA generally included the advancement of soil probes and the installation of temporary groundwater monitoring wells for soil and groundwater sample collection to assess subsurface environmental conditions associated with the RECs identified above.

A total of twenty (20) soil probes were advanced and seven temporary groundwater monitoring wells were installed on May 2 and 3, 2017 (see **Figure 3** for approximate locations of the soil probes and temporary groundwater monitoring wells). Soil samples collected from each probe were field screened using a photoionization detector (PID). In addition, soil samples were screened for the presence of visual and olfactory indications of impacts. Soil samples were submitted for laboratory analysis of contaminants of concern (COCs) related to the above RECs. These COCs included a combination of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), Resource Conservation and Recovery Act (RCRA) metals, and polychlorinated biphenyls (PCBs). In addition, select soil samples were submitted for laboratory analysis of Fraction of Organic Carbon ( $f_{oc}$ ) and pH. Six groundwater

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sample were collected and submitted for laboratory analysis of a combination of VOCs, SVOCs, RCRA metals (total and dissolved) and PCBs.

Soil and groundwater analytical results were compared to the remediation objectives listed in 35 Illinois Administrative Code (IAC) Part 742, Tiered Approach to Corrective Action Objectives (TACO). The analytical results are summarized on **Table 1** and **Table 2** with comparisons to the following remediation objectives:

- Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties and the Construction Worker Scenario listed in 35 IAC 742, Appendix B, Table B;
- Concentrations of Inorganic Chemicals in Background Soils for Counties Within Metropolitan Statistical Areas (MSAs) listed in 35 IAC 742, Appendix A, Table G (Backgrounds);
- Concentrations of Polynuclear Aromatic Hydrocarbon Chemicals in Background Soils Within for Counties Within MSAs listed in 35 IAC 742, Appendix A, Table H (Backgrounds);
- pH-Specific SROs for Inorganics and Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (pH-Specific SROs) listed in 35 IAC 742, Appendix B, Tables C-D;
- Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Ingestion Route (GROs) for Class I/Class II Groundwater listed in 35 IAC 742, Appendix B, Table E; and
- Tier 1 Groundwater Remediation Objectives for the Indoor Inhalation Exposure Route – Diffusion and Advection for Industrial/Commercial Properties listed in 35 IAC 742, Appendix B, Table H.

Soil analytical results for Non-TACO chemicals were compared to the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs). In addition, contaminants of concern not listed in the TACO remediation objectives or the USEPA RSL tables were compared to the Non-TACO remediation objectives published by the IEPA Toxicity Assessment Unit revised October 30, 2012.

Groundwater analytical results for Non-TACO chemicals were compared to values found in the IEPA-prepared summary table for Non-TACO Class I and Class II Groundwater Objectives, revised March 31, 2016.

As shown on **Table 1**, Soil analytical results were below laboratory reporting limits, Tier 1 SROs and/or USEPA RSLs with the following exceptions:

- Benzene was detected in samples LS-SB-GP-12 / 1-3', LS-SB-GP-13 / 2-4', and LS-SB-GP-14 / 1-3' and toluene in sample LS-SB-GP-14 / 1-3' in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater.
- Various SVOCs were detected in samples LS-SB-GP-09 / 2-4' and LS-SB-GP-15 / 3-5' in excess of the applicable Soil Ingestion Exposure Route and/or the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater.
- Dibenzofuran and/or 2-methylnaphthalene were detected in multiple samples in excess of the Noncarcinogenic Adult RSL for Soil to Groundwater.
- Arsenic and lead were detected in various samples in excess of the Soil Ingestion Exposure Route.
- Chromium and lead were detected in various samples in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater.
- Total xylenes and mercury were detected in various samples in excess of the Soil Inhalation Exposure Route for the Construction Worker Scenario.
- PCBs were detected in samples LS-SB-GP-11 / 3-5' and LS-SB-GP-13 / 2-4' in excess of the Soil Ingestion Exposure Route and the Construction Worker Scenario.

As shown on **Table 2**, Groundwater analytical results were below laboratory reporting limits, Tier 1 GROs and/or Non-TACO Class I and Class II Groundwater Objectives with the following exceptions:

- Benzene and toluene were detected in sample LS-GW-TW-05 in excess of the GROs for Class I and Class II Groundwater.
- PNAs were detected in various samples in excess of the GROs for Class I and Class II Groundwater.

- Total arsenic, barium, cadmium, chromium and/or lead were detected in the groundwater samples excess of the GROs for Class I and Class II Groundwater.
- Dissolved lead was detected in sample LS-GW-TW-02 in excess of the GRO for Class I Groundwater.

However, the Village of Melrose Park maintains an ordinance restricting the potable use of groundwater and it is believed that potential receptors would not likely ingest the shallow groundwater.

Based on the results of this Limited Phase II ESA, the following findings and conclusions are presented below:

1. Current use or future redevelopment of the Property for industrial/commercial purposes does not appear to be inhibited based on the results of this Limited Phase II ESA.
2. The concentrations of PNAs and metals in excess of Tier 1 SROs were observed in shallow fill material. These shallow impacts may be associated with the natural variability of PNAs and metal concentrations in fill material, unrelated to the RECs. This type of shallow fill material is typically found in urban metropolitan areas.
3. Various VOCs and PCBs were detected in soils in excess of Tier 1 SROs. These impacts may potentially be related to the historical and current use of the Property.
4. Should the Property be enrolled into the IEPA Site Remediation program (SRP), the soil and groundwater impacts detected in excess of Tier 1 SROs/GROs can likely be addressed through a risk-based strategy consisting of engineered barriers, such as concrete or paved areas, a construction worker caution, and groundwater use restriction.
5. Should future redevelopment of the Property be undertaken, consideration should be given to special management requirements that may apply to excavation of soils for site grading, foundations and/or utility installations. Excavated soils should be evaluated for proper management options that may include offsite disposal as a waste material, rather than as a clean construction and demolition debris.

6. Owing to the historical and current industrial use of the Property, this Limited Phase II ESA may not identify locations of soil and/or groundwater contamination related to unknown USTs, dry wells, catch basins, remnant subsurface foundations and other similar structures.

The following includes a summary of the Limited Phase II ESA activities followed by the findings and conclusions.

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## **1.0 INTRODUCTION**

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Weaver Consultants Group North Central, LLC (Weaver Consultants) has conducted a Limited Phase II Environmental Site Assessment (ESA) of the property located at 4613, 4699, and 4719 West Lake Street in Melrose Park, Illinois (the Property), as shown on **Figure 1**.

Weaver Consultants performed a Phase I Environmental Site Assessment (Phase I ESA) for the Property and prepared a report dated February 27, 2017. Based on the conclusions of the Phase I ESA, Weaver Consultants identified the following recognized environmental conditions (RECs) in connection with the Property:

- REC-1: The potential presence of surface and subsurface impacts associated with the Property's long term use as a salvage yard, auto wrecker, used auto parts shop, and recycling facility, including the presence of drums, aboveground storage tanks (ASTs), hydraulic equipment, and petroleum related staining observed on the Property.
- REC-2: The potential presence subsurface impacts associated with a filled former stream containing unknown fill material on the Property and the eastern and western adjoining properties.

This Limited Phase II ESA was conducted for the Cook County West Suburban Coalition and funded with their United States Environmental Protection Agency (USEPA) Hazardous Substances and Petroleum Brownfields Community-Wide Assessment Grant (USEPA Agreement # BF00E01367-0). As part of the USEPA funding, Weaver Consultants prepared a Sampling and Analysis Plan (SAP) dated March 2, 2017 which was submitted to the USEPA for review. The SAP was approved by the USEPA on March 20, 2017. In addition, the sample collection and analysis activities were conducted in accordance with a Quality Assurance Project Plan (QAPP) submitted May 29, 2015 which was conditionally approved by the USEPA in email correspondence dated August 28, 2015.

The Scope of Work for the Limited Phase II ESA generally included the advancement of twenty (20) soil probes to evaluate subsurface soil conditions. In addition, seven temporary groundwater monitoring wells were installed for groundwater sample collection and analysis.

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## **1.1 Authorization**

The SAP for this Limited Phase II ESA was authorized by the USEPA in an email correspondence on March 20, 2017. The Scope of Work was conducted in accordance with the approved SAP dated March 14, 2017.

## **1.2 Significant Assumptions**

Weaver Consultants formulated this report using a defined scope of services considered appropriate and agreed upon by all parties on the date the service was authorized, unless the scope of services or the methods used were later modified, in writing, and accepted by all parties prior to performance.

Weaver Consultants conducted this assessment in accordance with generally accepted practices in a manner consistent with that level of care exercised by other members of our profession in the same locality and under similar conditions of time and accessibility of improvements and information. No other representations, expressed or implied, and no warranty or guarantee is included or intended to be part of this assessment.

Please note that the scope of services performed in execution of this assessment may not be appropriate to satisfy the needs of other parties. We, therefore, cannot be responsible for independent conclusions, opinions, or recommendations of others based on our assessment. Weaver Consultants does not represent that this Limited Phase II ESA reflects the findings of all of the information available for the Property, nor is it representative of any future Property conditions. If additional information from the Property is generated, it should be provided to us so that we may evaluate its impact on our conclusions. As such, any activities or episodes that transpire subsequent to this Limited Phase II ESA are not considered in this assessment. It should be noted that no assessment can completely eliminate the possibility of hazardous waste and/or environmental contamination at a particular site.

## **1.3 User Reliance**

This report is confidential and has been prepared for the Cook County West Suburban Coalition, which includes the Village of Melrose Park. The Cook County West Suburban Coalition indicated that the USEPA, Illinois Environmental Protection Agency (IEPA), and the Village of Melrose Park may rely on the information contained in this *report* under the same terms and conditions to which Cook County West Suburban Coalition has agreed. No additional parties

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may use the information contained in this report without obtaining the written permission of Weaver Consultants and the Cook County West Suburban Coalition. Weaver Consultants' duties and obligations extend only to the Cook County West Suburban Coalition. Weaver Consultants' duties and obligations to such parties are not transferable to any person, corporation, or organization without the express written consent of the Cook County West Suburban Coalition and Weaver Consultants.

This report must be read and interpreted as a whole and can only be considered representative of the conditions as of the date of our assessment described herein. Weaver Consultants makes no representation whatsoever concerning the condition of the Property beyond the date of our assessment described herein. Individual sections and appendices of this report are dependent on the balance of this report, and on the terms, conditions, and stipulations contained in the proposal, the report, and any written amendments accepted by Weaver Consultants.

The following report provides a site description in **Section 2**, including regional and site geology/hydrogeology. **Section 3** discusses the sampling activities followed by **Section 4** which discusses the analytical results. Our conclusions follow in **Section 5**.

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## 2.0 SITE DESCRIPTION

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### 2.1 Site Description

The Property is located at 4613, 4699, and 4719 West Lake Street in Melrose Park, Illinois. The Property generally lies north of West Lake Street, east of 47<sup>th</sup> Avenue, south of Division Street, and west of 46<sup>th</sup> Court (see **Figure 2 – Property Layout Map**). The Property consists of approximately 4.94 acres of land with approximately 455 feet of frontage along West Lake Street, approximately 405 feet of frontage along 47<sup>th</sup> Avenue, and approximately 430 feet of frontage along Division Street.

The Property is comprised of six lots within the central portion of Section 5, Township 39 North, Range 12 East of the Third Principal Meridian in Cook County, Illinois (see **Figure 1 - Property Location Map**). A review of the Elmhurst, Illinois, 7.5-minute quadrangle topographic map published by the United States Geological Survey (USGS) suggests that the Property is at an elevation of approximately 638 feet above msl and slopes to the east.

The Property is currently occupied by the following:

- An automobile storage yard with parked cars, trucks, trailers, boats, and containers;
- A commercial building with an attached garage/service bay area, and a salvage yard to the north and west of the buildings, associated with Toncar Auto Parts;
- An automobile storage lot and commercial building associated with S & S Towing; and
- A commercial building with attached garage areas, and a storage yard to the north of the garage area, associated with West Melrose Recycling.

The Property is improved with the following:

- An approximately 3,750 square-foot, one-story brick, cinder block, and steel commercial building with a storefront and office spaces and an attached approximately 2,450 square-foot, one-story service bay/garage building. These buildings are associated with Ton Car Auto Parts (4613 West Lake Street);
- An approximately 875 square-foot, one-story cinder block commercial building associated with S&S Towing (4699 West Lake Street); and
- An approximately 800 square-foot, two-story brick and steel commercial building attached to three interconnected garages, totaling approximately 11,600 square feet in

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area. These buildings are associated with West Melrose Recycling (4719 West Lake Street).

Additionally, a vehicle storage lot is located to the east of the salvage yard; however no buildings are present on this lot. Storage trailers are also present on other areas of the Property. Asphalt-paved customer parking areas are present to the south of each building. Decorative landscaping consisting of trees and shrubs are located in the vicinity of the building entrances. Fencing divides the Property into its four separate uses. The property is currently owned by KOT Properties, LLC, and is utilized as a vehicle storage lot, a salvage yard and used auto parts shop, a towing company, and a metals recycling facility.

A review of historical records and interview responses by Weaver Consultants as part of the February 27, 2017 Phase I ESA suggests that the Property was unimproved from at least 1891 through 1901, and a stream traversed the Property from east to west. Between 1901 and 1928, the stream appeared to be filled in and the Property was improved with two small structures. The Property remained in this configuration through 1938. Between 1938 and 1951, the Property was improved with two commercial buildings along the southern portion, and the remainder of the Property was occupied by stored vehicles or equipment. Between 1951 and 1955, the Property was improved with an additional commercial building along the southern portion. Between 1955 and 1962, the easternmost commercial building on the Property appeared to have space added onto its northern portion. Between 1962 and 1974, a building was constructed along the southern portion of the Property, and the westernmost building appeared to be demolished and replaced with a larger building. The Property remained in this configuration through 1978. Between 1978 and 1981, the westernmost building along the southern portion of the Property appeared to have additional space added onto its northern portion. The Property remained largely unchanged through 2005. Between 2005 and 2008, the Property was improved with an additional commercial building along the southern portion; the remainder of the Property continued to be occupied by stored vehicles and equipment. Between 2008 and 2012, the eastern portion of the Property was fenced off into two separate lots; the remainder of the Property was unchanged. The Property appears in this configuration to the present day. According to local street directories, the Property was occupied by Merrill Bros Auto Service in 1956, West Melrose Auto Wreckers from 1969 through 1994, and R&L Scrap/R&L Recycling from 1974 through 1999, and West Melrose Metal Recyclers in 2004.

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## 2.2 Geology/Hydrogeology

### 2.2.1 Regional Geology/Hydrogeology

Based on Weaver Consultant's review of certain ISGS documents (Berg et al. 1988 and Berg et al. 1984) during the 2017 Phase I ESA, the Property is underlain by unconsolidated sediments consisting of clayey and silty tills<sup>1</sup> of the Wedron Formation (since reclassified as the Wedron Group [Hansel and Johnson 1996]), overlying Silurian age carbonate bedrock. The Wedron Formation is described as uniform, relatively impermeable, clayey till that is estimated to be greater than 20 feet thick. These sediments overlie Silurian Age dolomitic bedrock. The bedrock stratigraphy in the vicinity of the Property is composed of a thick sequence of Paleozoic sedimentary rocks that generally consist of carbonate rocks of Silurian age near the ground surface. Published information suggests bedrock is encountered at depths less than 50 feet of the surface in the vicinity of the Property.

The regional near-surface hydrostratigraphic units can be generalized into two aquifers: a shallow aquifer zone in more permeable soil (not always present) that may be present in the glacial drift, and deep aquifer in the underlying bedrock aquifers.

The ISGS documents also indicate that the potential for groundwater contamination is moderate and is classified as "C1" due to the presence of permeable bedrock less than 50 feet beneath the ground surface.

### 2.2.2 Site Geology/Hydrogeology

The following interpretation of the subsurface is based upon the soil probes advanced by Weaver Consultants on May 2 and 3, 2017. Additional detail regarding the advancement of soil probes and sample collection is provided in **Section 3**. Twenty (20) soil probes were advanced to a depth of approximately sixteen (16) feet below ground surface (bgs), or until refusal was met. Logs describing the conditions encountered are presented in **Appendix A – Soil Probe Logs**.

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<sup>1</sup> "Till" means those unconsolidated materials deposited directly from a glacier without reworking by water (e.g., rivers or streams).

The following units were generally observed within the subsurface on the western portion of the Property, at the West Melrose Recycling and S & S Towing lots:

- Fill materials consisting of gravel, silt and clay with some sand were encountered from the ground surface to depths of approximately four to seven feet bgs; and
- Silty clays and clays of medium to high plasticity, containing trace sand and gravel were encountered at depths ranging from approximately four to seven feet bgs to approximately thirteen (13) to sixteen (16) feet bgs.

In addition, soil probes LS-SB-GP-05 and LS-SB-GP-08 exhibited silts and sandy silts at approximately seven feet bgs extending to approximately ten to sixteen (16) feet bgs.

The following units were generally observed within the subsurface on the eastern portion of the Property, at the Toncar Auto Parts and storage yard lots:

- Fill materials consisting of gravel with crushed asphalt and silty clays, with some sand and silt were encountered from the ground surface to depths of approximately six to twelve (12) feet bgs; and
- Silty clay containing trace gravel and sand were encountered at depths ranging from approximately six to twelve (12) feet bgs extending to approximately sixteen (16) feet bgs;

In addition, a fine-grained sand was encountered in probe LS-SB-GP-16 from approximately twelve (12) feet bgs to fifteen (15) feet bgs.

Saturated conditions were observed within soil probes LS-SB-GP-17 through LS-SB-GP-19, located in the southeastern to southern-central portion of the Property, from a depth of 1 to 5 four bgs. Additional detail regarding the installation and sampling of the temporary groundwater monitoring wells can be found in **Section 3.2**.

## **3.0 FIELD ACTIVITIES**

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Field activities included the advancement of soil probes and the installation of temporary groundwater monitoring wells for soil and groundwater sample collection and analysis to assess subsurface environmental conditions. The following includes a summary of these activities.

### **3.1 Areas of Exploration**

#### *3.1.1 Soil Probe Activities*

Twenty (20) soil probes were advanced at the Property by Environmental Soil Probing Corporation (ESP) of St. Charles, Illinois. Prior to drilling activities, ESP contacted JULIE to locate public utilities on the Property. Ground Penetrating Radar Systems, Inc. of Toledo, Ohio also provided onsite private utility location services to clear the proposed probe locations prior to drilling. The soil probes were advanced within the following general areas associated with RECs identified in the Phase I ESA (see **Figure 3 – Approximate Soil Probe / Temporary Well Location Map**):

- Soil probes LS-SB-GP-01 through LS-SB-GP-04 were advanced in the southern portion of the recycling facility, in the vicinity of observed drums and hydraulic machinery;
- Soil probes LS-SB-GP-05 through LS-SB-GP-09 were advanced within the northern portion of the recycling facility, in the vicinity of observed ASTs and drums;
- Soil probes LS-SB-GP-10 and LS-SB-GP-11 were advanced in the S & S Towing storage lot;
- Soil probes LS-SB-GP-12 through LS-SB-GP-16 were advanced in the Toncar Auto Parts salvage yard in the vicinity of observed ASTs, drums, hydraulic machinery and surficial staining;
- Soil probes LS-SB-GP-17 through LS-SB-GP-19 were advanced within the Toncar Auto Parts garage in the vicinity of a former AST and a sump; and
- Soil probe LS-SB-GP-20 was advanced in the area of the Property where a stream was depicted on historical topographic maps to assess for the potential presence of subsurface impacts related to the filled former stream containing unknown fill material (REC-2).

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## 3.2 Methodology of Field Activities

### 3.2.1 Soil Probe and Temporary Monitoring Well Activities

On May 2 and 3, 2017, ESP advanced twenty (20) soil probes using a truck-mounted and a track-mounted Geoprobe® drill rig. Additionally, probes LS-SB-GP-17 and LS-SB-GP-19 were advanced using a hand-operated hammer. The soil probes were generally advanced to depths of fifteen (15) or sixteen (16) feet bgs for soil sample collection and analysis. Soil samples were collected from two-foot intervals for field screening and described and logged by a Weaver Consultants representative.

Soil samples were obtained by driving four-foot or five-foot long, 2-inch diameter probe rods into the undisturbed subsurface. Soil samples were continuously collected via individual four-foot or five-foot long, 2-inch diameter acrylic liners. ESP decontaminated the sampling equipment before each sample was collected. The cleaning process consisted of an initial wash with a Liquinox™ and distilled water solution, followed by a distilled water rinse.

The temporary monitoring wells were constructed of one-inch diameter Schedule 40 polyvinyl chloride (PVC) riser and 10-foot long, 0.010-inch slot PVC well screen. The monitoring wells were screened from approximately four to fourteen (14) or six to sixteen (16) feet bgs. The riser sections of the wells extended approximately one foot above the existing grade of the ground surface. The screen and PVC riser were lowered into a completed soil probe hole following the completion of the soil probing activities. The wells were installed on May 2 and 3, 2017 and were allowed to remain open for a period of at least one hour prior to assessing the groundwater levels utilizing a Heron Instruments Dipper-T water level indicator. The temporary monitoring wells were removed from the probe openings following sample collection activities. Following removal, each probe opening was backfilled and patched with like surface material. After 12 hours, temporary well LS-GW-TW-03 did not produce sufficient groundwater for sample collection.

### 3.2.2 Field Screening Activities

Upon retrieval, soil samples were described and logged by a Weaver Consultants representative. The Weaver Consultants field representative noted color, soil type, moisture content, and other applicable characteristics. This information was used to construct a log of the subsurface profile encountered. **Appendix A** contains the soil probe logs for each of the soil

probes. Upon completion of each probe where temporary wells were not installed, a mix of soil cuttings and bentonite chips was placed into the opening and then patched with like surface material. The samples were discrete samples and not composited over the two foot intervals.

Weaver Consultants screened each two foot interval of soil collected for the presence of volatile organic compounds (VOCs) using a photoionization detector (PID) equipped with an 11.4 eV lamp. The PID provides a qualitative field measurement of VOCs contained in the sample. The field screening process involved placing a portion of the soil sample in a zip-lock plastic bag. The headspace was then sampled and soil-gas VOC concentrations were measured and recorded. In addition to PID screening, visual and olfactory observations were used to assess soil conditions during the field activities. Field screening results were used to assess the presence of impacted soil and selection of the appropriate sample interval for laboratory analysis.

Generally, the sample from the interval exhibiting the greatest likelihood of possible impacts based on field screening results was submitted for laboratory analysis. The PID measurements are included on the soil probe logs in **Appendix A**. If no apparent impacts were observed based on field screening, soil samples from the soil interval that would most likely be impacted in the event that a release had occurred based on the historical use of the area were collected for laboratory analysis. In addition, soil samples were also collected from deeper intervals appearing free of impacts to characterize the vertical extent of potential impacts, if encountered.

### *3.2.3 Soil Sample Collection*

Weaver Consultants placed select soil samples from each probe into pre-cleaned, laboratory supplied sample containers preserved as necessary for subsequent laboratory analysis. The sample containers were tightly capped, labeled, placed in a cooler, and surrounded with ice in order to maintain their temperature near 4°C. Each sample was logged onto a chain-of-custody form which is used to track the samples from the point of collection to receipt by the laboratory. The chain-of-custody forms are included with the laboratory analysis reports in **Appendix C – Laboratory Analytical Results**.

### *3.2.4 Water Sample Collection*

On May 2 and 3, 2017, groundwater samples were collected from six of the seven temporary groundwater monitoring wells. Samples were collected into laboratory-provided sample containers using a Geotech Geopump™ peristaltic pump and disposable ¼-inch polyethylene tubing. The pump was adjusted to a low-flow pumping rate to minimize sediment disturbance (i.e., less than 100 mL/minute). Purgging was conducted prior to sample collection until water was reduced of visible solids. Groundwater sampling field forms are included in **Appendix B – Groundwater Sampling Forms**. The groundwater samples were placed on ice to maintain their temperature near 4° C. Each sample was logged onto a chain-of-custody form which is used to track the samples from the point of collection to receipt by the laboratory. The chain-of-custody forms are included with the laboratory analysis reports in **Appendix C**.

## **3.3 Sample Analysis**

### *3.3.1 Soil*

A total of twenty (20) soil samples were collected for laboratory analysis. Samples were submitted to STAT Analysis Corporation of Chicago, Illinois, which is certified under the National Environmental Laboratory Accreditation Program (NELAP). Sampling and laboratory analysis were performed in general accordance with approved techniques and methods as outlined in *USEPA SW-846, Test Methods For Evaluating Solid Waste, Third Edition*, and other published sources.

Each soil sample was analyzed for the identified COCs for the Property, which includes the following constituents:

- Volatile Organic Compounds (VOCs) by USEPA Method 5035/8260;
- Semivolatile Organic Compounds (SVOCs) by USEPA Methods 8270/3550B;
- Total Petroleum Hydrocarbons (TPH) by USEPA Methods 8015M/3580A;
- Resource Conservation and Recovery Act (RCRA) Metals by USEPA Methods 3050/6010/7471;
- Polychlorinated Biphenyls (PCBs) by USEPA Methods 8082/3550B; and
- pH by USEPA Method 9045.

Additionally, soil sample LS-SB-GP-16 / 4-6' was analyzed for Fraction of Organic Carbon ( $f_{oc}$ ) by USEPA Method D2974. The laboratory analytical reports, including the chain of custody forms,

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are provided in **Appendix C**. **Table 1 – Soil Analytical Summary** summarizes the analytical results of soil samples with comparisons to the Illinois Environmental Protection Agency (IEPA) Tiered Approach to Corrective Action Objectives (TACO) Tier 1 Soil Remediation Objectives (SROs) for Industrial/Commercial Properties. Analytical results for Non-TACO chemicals were compared to the USEPA RSLs. In addition, contaminants of concern not listed in the TACO remediation objectives or the USEPA RSL tables were compared to the Non-TACO remediation objectives published by the IEPA Toxicity Assessment Unit revised October 30, 2012.

### *3.3.2 Groundwater*

A total of six groundwater samples (LS-GW-TW-01, LS-GW-TW-02, and LS-GW-TW-04 through LS-GW-TW-07) were submitted to STAT Analysis Corporation for laboratory analysis of the following:

- Volatile Organic Compounds (VOCs) by USEPA Method 8260/5030;
- Semivolatile Organic Compounds (SVOCs) by USEPA Methods 8270/3510;
- Total and Dissolved Resource Conservation and Recovery Act (RCRA) Metals by USEPA Methods 6020/7470/3005; and
- Polychlorinated Biphenyls (PCBs) by USEPA Methods 8082/3510.

Groundwater sampling field forms are included in **Appendix B**. The laboratory analytical reports, including the chain of custody forms, are provided in **Appendix C**. **Table 2 – Groundwater Analytical Summary** summarizes the analytical results of groundwater samples with comparisons to the IEPA TACO Tier 1 Groundwater Remediation Objectives (GROs) for Class I and Class II Groundwater and GROs for the Indoor Inhalation Exposure Route. Groundwater analytical results for Non-TACO chemicals were compared to values found in the IEPA-prepared summary table for Non-TACO Class I and Class II Groundwater Objectives, revised March 31, 2016.

## 4.0 ANALYTICAL RESULTS

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Soil samples were submitted for laboratory analysis of a combination of VOCs, SVOCs TPH, RCRA metals, PCBs,  $f_{oc}$  and pH. The Groundwater samples submitted for laboratory analysis were analyzed for a combination of VOCs, SVOCs, total and dissolved RCRA Metals, and PCBs. Soil and groundwater analytical results were compared to the remediation objectives listed in 35 Illinois Administrative Code (IAC) Part 742, TACO. The analytical results are summarized on **Table 1 and Table 2** with comparisons to the following remediation objectives:

- Tier 1 SROs for Industrial/Commercial Properties and the Construction Worker Scenario listed in 35 IAC 742, Appendix B, Table B;
- Concentrations of Inorganic Chemicals in Background Soils for Counties Within Metropolitan Statistical Areas (MSAs) listed in 35 IAC 742, Appendix A, Table G (Backgrounds);
- Concentrations of Polynuclear Aromatic Hydrocarbon Chemicals in Background Soils Within for Counties Within MSAs listed in 35 IAC 742, Appendix A, Table H (Backgrounds);
- pH-Specific SROs for Inorganics and Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (pH-Specific SROs) listed in 35 IAC 742, Appendix B, Tables C-D;
- Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Ingestion Route (GROs) for Class I/Class II Groundwater listed in 35 IAC 742, Appendix B, Table E; and
- Tier 1 Groundwater Remediation Objectives for the Indoor Inhalation Exposure Route – Diffusion and Advection for Industrial/Commercial Properties listed in 35 IAC 742, Appendix B, Table H.

Soil analytical results for Non-TACO chemicals were compared to the USEPA RSLs. In addition, contaminants of concern not listed in the TACO remediation objectives or the USEPA RSL tables were compared to the Non-TACO remediation objectives published by the IEPA Toxicity Assessment Unit revised October 30, 2012.

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Groundwater analytical results for Non-TACO chemicals were compared to values found in the IEPA-prepared summary table for Non-TACO Class I and Class II Groundwater Objectives, revised March 31, 2016 (Non-TACO GROs).

## 4.1 Soil Sample Analysis

The following soil analytical results were compared to the Tier 1 SROs for Industrial/Commercial Properties and the Construction Worker Scenario, as well as Backgrounds and/or USEPA RSLs, when appropriate. Laboratory analytical reports for the site investigation activities are included in **Appendix C**.

### 4.1.1 VOCs

Twenty (20) soil samples were submitted for VOC laboratory analysis. Results from each soil sample were below laboratory reporting limits and/or Tier 1 SROs with the following exceptions:

- Benzene was detected in samples LS-SB-GP-12 / 1-3' (0.15 mg/kg), LS-SB-GP-13 / 2-4' (0.12 mg/kg) and LS-SB-GP-14 / 1-3' (0.98 mg/kg) in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater (0.03 mg/kg) and/or Class II Groundwater (0.17 mg/kg).
- Toluene was detected in sample LS-SB-GP-14 / 1-3' (28 mg/kg) in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater (12 mg/kg).
- Total xylenes total were detected in samples LS-SB-GP-12 / 1-3' (5.7 mg/kg) and LS-SB-GP-14 / 1-3' (68 mg/kg) in excess of the Soil Inhalation Exposure Route for the Construction Worker Scenario (5.6 mg/kg).

### 4.1.2 SVOCs

Twenty (20) soil samples were submitted for SVOC laboratory analysis. Results from each soil sample were below laboratory reporting limits, Tier 1 SROs and/or RSLs and Backgrounds with the following exception:

- Benz(a)anthracene was detected in samples LS-SB-GP-09 / 2-4' (3.3 mg/kg) and LS-SB-GP-15 / 3-5' (4.2 mg/kg) in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater (2 mg/kg).

- Benzo(a)pyrene was detected in samples LS-SB-GP-09 / 2-4' (3.1 mg/kg) and LS-SB-GP-15 / 3-5' (4.4 mg/kg) in excess of the Soil Ingestion Exposure Route (0.8 mg/kg) Background (2.1 mg/kg).
- Carbazole was detected in sample LS-SB-GP-09 / 2-4' (0.68 mg/kg) in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater (0.6 mg/kg).
- Dibenz(a,h)anthracene was detected in samples LS-SB-GP-09 / 2-4' (0.92 mg/kg) and LS-SB-GP-15 / 3-5' (1.3 mg/kg) in excess of the Soil Ingestion Exposure Route (0.8 mg/kg).
- Dibenzofuran was detected in sample LS-SB-GP-09 / 2-4' (0.38 mg/kg) in excess of the Noncarcinogenic Adult RSL for Soil to Groundwater (0.23 mg/kg).
- 2-Methylnaphthalene was detected in samples LS-SB-GP-08 / 2-4' (1.4 mg/kg), LS-SB-GP-12 / 1-3' (0.74 mg/kg), LS-SB-GP-13 / 2-4' (0.62 mg/kg) and LS-SB-GP-14 / 1-3' (0.91 mg/kg) in excess of the Noncarcinogenic Adult RSL for Soil to Groundwater.

#### *4.1.3 $f_{oc}$*

One soil sample was submitted for organic carbon content laboratory analysis. Soil sample LS-SB-GP-16 / 4-6' exhibited an organic matter content of 3.86%, and following the 0.58 conversion factor as stated in Nelson and Sommers (1982), a fractional organic carbon ( $f_{oc}$ ) content of 2.24%.

#### *4.1.4 TPH*

Twenty (20) soil samples were submitted for TPH analysis, including Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Extended Range Organics (ERO). Results from each soil sample were below laboratory reporting limits and/or the IEPA TACO soil attenuation capacity defaults for soils within the top meter of ground surface (6,000 mg/kg) and soils below one meter of ground surface (2,000 mg/kg) with the following exception:

- TPH was detected in sample LS-SB-GP-13 / 2-4' (2,560 mg/kg) in excess if the default soil attenuation capacity for soils below one meter of ground surface (2,000 mg/kg).

However, this concentration is below a calculated site-specific soil attenuation capacity of 2.24% (22,400 mg/kg). The site specific soil attenuation capacity would have to be reviewed and approved by the IEPA if the Property is enrolled into the Site Remediation Program.

#### *4.1.5 RCRA Metals*

Twenty (20) soil samples were submitted for RCRA metals analysis. Results from each soil sample were below laboratory reporting limits, Tier 1 SROs and Backgrounds with the following exceptions:

- Arsenic was detected in excess of the Soil Ingestion Exposure Route (13 mg/kg) in the following samples:
  - LS-SB-GP-06 / 3-5' (14 mg/kg);
  - LS-SB-GP-09 / 2-4' (18 mg/kg);
  - LS-SB-GP-10 / 2-4' (15 mg/kg);
  - LS-SB-GP-11 / 3-5' (16 mg/kg);
  - LS-SB-GP-12 / 1-3' (16 mg/kg); and
  - LS-SB-GP-18 / 4-6' (19 mg/kg).
- Chromium was detected in excess of the applicable pH-Specific SROs for Class I Groundwater (ranging 28 to 32 mg/kg) in the following samples:
  - LS-SB-GP-01 / 1-3' (22 mg/kg);
  - LS-SB-GP-03 / 2-4' (100 mg/kg);
  - LS-SB-GP-05 / 1-3' (22 mg/kg);
  - LS-SB-GP-06 / 3-5' (32 mg/kg);
  - LS-SB-GP-09 / 2-4' (33 mg/kg);
  - LS-SB-GP-10 / 2-4' (41 mg/kg);
  - LS-SB-GP-11 / 3-5' (41 mg/kg);
  - LS-SB-GP-12 / 1-3' (32 mg/kg);
  - LS-SB-GP-13 / 2-4' (34 mg/kg); and
  - LS-SB-GP-14 / 1-3' (38 mg/kg).
- Lead was detected in excess of the applicable pH-specific SROs for Class I Groundwater (ranging 107 to 282 mg/kg) in the following samples:
  - LS-SB-GP-03 / 2-4' (2,500 mg/kg);
  - LS-SB-GP-05 / 1-3' (1,100 mg/kg);
  - LS-SB-GP-06 / 3-5' (470 mg/kg);
  - LS-SB-GP-07 / 1-3' (110 mg/kg);
  - LS-SB-GP-09 / 2-4' (1,300 mg/kg);
  - LS-SB-GP-10 / 2-4' (420 mg/kg);

- LS-SB-GP-11 / 3-5' (1,000 mg/kg);
  - LS-SB-GP-13 / 2-4' (160 mg/kg); and
  - LS-SB-GP-14 / 1-3' (160 mg/kg).
- Additionally, lead detected in samples LS-SB-GP-03 / 2-4', LS-SB-GP-05 / 1-3', LS-SB-GP-09 / 2-4' and LS-SB-GP-11 / 3-5' exceeded the Soil Ingestion Exposure Route (800 mg/kg) and the Construction Worker Scenario (700 mg/kg).
- Mercury was detected in excess of the Soil Inhalation Exposure Route for the Construction Worker Scenario (0.1 mg/kg) in the following samples:
  - LS-SB-GP-01 / 1-3' (3.9 mg/kg);
  - LS-SB-GP-03 / 2-4' (2.9 mg/kg);
  - LS-SB-GP-05 / 1-3' (2.9 mg/kg);
  - LS-SB-GP-06 / 3-5' (1.7 mg/kg);
  - LS-SB-GP-07 / 1-3' (0.16 mg/kg);
  - LS-SB-GP-08 / 2-4' (0.13 mg/kg);
  - LS-SB-GP-09 / 2-4' (0.51 mg/kg);
  - LS-SB-GP-11 / 3-5' (5.5 mg/kg);
  - LS-SB-GP-12 / 1-3' (0.12 mg/kg); and
  - LS-SB-GP-14 / 1-3' (0.34 mg/kg).

#### *4.1.6 PCBs*

Twenty (20) soil samples were submitted for PCB analysis. Results from each sample were below laboratory reporting limits and/or Tier 1 SROs with the following exceptions:

- Total PCBs were detected in samples LS-SB-GP-11 / 3-5' (6.4 mg/kg) and LS-SB-GP-13 / 2-4' (1.7 mg/kg) in excess of the Soil Ingestion Exposure Route and the Construction Worker Scenario (both 1 mg/kg).

#### *4.1.7 pH*

Twenty (20) soil samples were submitted for pH analysis. pH values for the soil samples ranged from 7.35 to 11.1 standard units.

## **4.2 Groundwater Sample Analysis**

As shown in the attached **Table 2**, the following analytical results were compared to the Tier 1 GROs for Class I and Class II Groundwater, the GROs for the Indoor Inhalation Exposure Route

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for Industrial/Commercial Properties and the Non-TACO Class I and Class II Groundwater Objectives. Laboratory analytical reports from the site investigation activities are included in **Appendix C**.

#### 4.2.1 VOCs

Six groundwater samples were submitted for VOC laboratory analysis. VOC results for each groundwater sample were below laboratory reporting limits and/or Tier 1 GROs with the following exceptions:

- Benzene was detected in sample LS-GW-TW-05 (0.3 mg/L) in excess of the GROs for Class I and Class II Groundwater (0.005 mg/L and 0.025 mg/L, respectively).
- Toluene was detected in sample LS-GW-TW-05 (1.1 mg/L) in excess of the GRO for Class I Groundwater (1 mg/L).

#### 4.2.2 SVOCs

Six groundwater samples were submitted for SVOC analysis. SVOC results for each groundwater sample were below laboratory reporting limits and/or Tier 1 GROs with the following exceptions:

- Benz(a)anthracene was detected in samples LS-GW-TW-06 (0.00019 mg/L) and LS-GW-TW-07 (0.0007 mg/L) in excess of the GROs for Class I Groundwater (0.00013 mg/L) and/or Class II Groundwater (0.00065 mg/L).
- Benzo(a)pyrene was detected in samples LS-GW-TW-06 (0.00029 mg/L) and LS-GW-TW-07 (0.001 mg/L) in excess of the GRO for Class I Groundwater (0.00013 mg/L).
- Benzo(b)fluoranthene was detected in samples LS-GW-TW-06 (0.00024 mg/L) and LS-GW-TW-07 (0.0014 mg/L) in excess of the GROs for Class I Groundwater (0.00018 mg/L) and/or Class II Groundwater (0.0009 mg/L).
- Benzo(k)fluoranthene was detected in samples LS-GW-TW-06 (0.00028 mg/L) and LS-GW-TW-07 (0.00098 mg/L) in excess of the GROs for Class I Groundwater (0.00017 mg/L) and/or Class II Groundwater (0.00085 mg/L).
- Indeno(1,2,3-cd)pyrene was detected in sample LS-GW-TW-07 (0.0011 mg/L) in excess of the GRO for Class I Groundwater (0.00043 mg/L).

#### *4.2.3 Total RCRA Metals*

Six groundwater samples were submitted for laboratory analysis of total RCRA metals. Results for total RCRA metals were below the laboratory reporting limits and/or Tier 1 GROs, with the following exceptions:

- Total Arsenic was detected in samples LS-GW-TW-01 (0.1 mg/L), LS-GW-TW-02 (0.23 mg/L) and LS-GW-TW-06 (0.094 mg/L) in excess of the GROs for Class I Groundwater (0.05 mg/L) and/or Class II Groundwater (0.2 mg/L).
- Total Barium was detected in samples LS-GW-TW-01 (4.6 mg/L) and LS-GW-TW-02 (2.5 mg/L) in excess of the GROs for Class I and Class II Groundwater (both 2 mg/L).
- Total Cadmium was detected in samples LS-GW-TW-01 (0.049 mg/L), LS-GW-TW-02 (0.01 mg/L) and LS-GW-TW-05 (0.011 mg/L) in excess of the GRO for Class I Groundwater (0.005 mg/L).
- Total Chromium was detected in samples LS-GW-TW-01 (0.27 mg/L), LS-GW-TW-02 (0.35 mg/L) and LS-GW-TW-05 (0.16 mg/L) in excess of the GRO for Class I Groundwater (0.1 mg/L).
- Total lead was detected in excess of the GROs for Class I Groundwater (0.0075 mg/L) and/or Class II Groundwater (0.1 mg/L) in the following groundwater samples:
  - LS-GW-TW-01 (3.9 mg/L);
  - LS-GW-TW-02 (3 mg/L);
  - LS-GW-TW-04 (0.028 mg/L);
  - LS-GW-TW-05 (1.2 mg/L);
  - LS-GW-TW-06 (0.38 mg/L); and
  - LS-GW-TW-07 (0.087 mg/L).

#### *4.2.4 Dissolved RCRA Metals*

Six groundwater samples were submitted for laboratory analysis of dissolved RCRA metals. Results for dissolved RCRA metals were below the laboratory reporting limits and/or Tier 1 GROs with the following exception:

- Dissolved lead was detected in sample LS-GW-TW-02 (0.019 mg/L) in excess of the GRO for Class I Groundwater (0.0075 mg/L).

#### *4.2.5 PCBs*

Six groundwater samples were submitted for laboratory analysis of PCBs. Results for PCBs were below the laboratory reporting limits.

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## 5.0 CONCLUSIONS

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On behalf of the Cook County West Suburban Coalition, Weaver Consultants has conducted a Limited Phase II ESA of the Property at 4613, 4699, and 4719 West Lake Street in Melrose Park, Illinois. Weaver Consultants performed a Phase I ESA for the Property and prepared a report dated February 27, 2017. The Phase I ESA identified two RECs in connection with the Property.

The Scope of Work for the Limited Phase II ESA generally included the advancement of soil probes and the installation of temporary groundwater monitoring wells for soil and groundwater sample collection to assess subsurface environmental conditions associated with the RECs.

Soil analytical results were below laboratory reporting limits, Tier 1 SROs and/or USEPA RSLs with the following exceptions:

- Benzene was detected in samples LS-SB-GP-12 / 1-3', LS-SB-GP-13 / 2-4', and LS-SB-GP-14 / 1-3' and toluene in sample LS-SB-GP-14 / 1-3' in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater.
- Various SVOCs were detected in samples LS-SB-GP-09 / 2-4' and LS-SB-GP-15 / 3-5' in excess of the applicable Soil Ingestion Exposure Route and/or the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater.
- Dibenzofuran and/or 2-methylnaphthalene were detected in multiple samples in excess of the Noncarcinogenic Adult RSL for Soil to Groundwater.
- Arsenic and lead were detected in various samples in excess of the Soil Ingestion Exposure Route.
- Chromium and lead were detected in various samples in excess of the Soil Component of Groundwater Ingestion Exposure Route for Class I Groundwater .
- Total xylenes and mercury were detected in various samples in excess of the Soil Inhalation Exposure Route for the Construction Worker Scenario.
- PCBs were detected in samples LS-SB-GP-11 / 3-5' and LS-SB-GP-13 / 2-4' in excess of the Soil Ingestion Exposure Route and the Construction Worker Scenario.

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Groundwater analytical results were below laboratory reporting limits, Tier 1 GROs and/or Non-TACO Class I and Class II Groundwater Objectives with the following exceptions:

- Benzene and toluene were detected in sample LS-GW-TW-05 in excess of the GROs for Class I and Class II Groundwater.
- PNAs were detected in various samples in excess of the GROs for Class I and Class II Groundwater.
- Total arsenic, barium, cadmium, chromium and/or lead were detected in the groundwater samples excess of the GROs for Class I and Class II Groundwater.
- Dissolved lead was detected in sample LS-GW-TW-02 in excess of the GRO for Class I Groundwater.

However, the Village of Melrose Park maintains an ordinance restricting the potable use of groundwater and it is believed that potential receptors would not likely ingest the shallow groundwater.

Based on the results of this Limited Phase II ESA, the following findings and conclusions are presented below:

1. Current use or future redevelopment of the Property for industrial/commercial purposes does not appear to be inhibited based on the results of this Limited Phase II ESA.
2. The concentrations of PNAs and metals in excess of Tier 1 SROs were observed in shallow fill material. These shallow impacts may be associated with the natural variability of PNAs and metal concentrations in fill material, unrelated to the RECs. This type of shallow fill material is typically found in urban metropolitan areas.
3. Various VOCs and PCBs were detected in soils in excess of Tier 1 SROs. These impacts may potentially be related to the historical and current use of the Property.
4. Should the Property be enrolled into the IEPA Site Remediation program (SRP), the soil and groundwater impacts detected in excess of Tier 1 SROs/GROs can likely be addressed through a risk-based strategy consisting of engineered barriers, such as concrete or paved areas, a construction worker caution, and groundwater use restriction.

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5. Should future redevelopment of the Property be undertaken, consideration should be given to special management requirements that may apply to excavation of soils for site grading, foundations and/or utility installations. Excavated soils should be evaluated for proper management options that may include offsite disposal as a waste material, rather than as a clean construction and demolition debris.
6. Owing to the historical and current industrial use of the Property, this Limited Phase II ESA may not identify locations of soil and/or groundwater contamination related to unknown USTs, dry wells, catch basins, remnant subsurface foundations and other similar structures.

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## **6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL**

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This Limited Phase II ESA was performed under the direct supervision of or reviewed by the undersigned environmental professionals.



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Colin Pannier  
Staff Geologist



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Paul Gruca  
Project Manager



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Peter Cambouris, LPG  
Project Director

## **TABLES**

**Table 1**  
**Soil Analytical Summary**  
**4613, 4699, and 4719 West Lake Street**  
**Melrose Park, Illinois**

Parameter	Units	Route Specific Values for Soils <sup>a</sup>				Soil Component of the Groundwater Ingestion Exposure Route <sup>b</sup>	Soil Background Concentration in Metropolitan Statistical Areas (MSAs) <sup>c</sup>	Weaver Consultants Group Phase II Sampling May 2 and 3, 2017																				
		Industrial/Commercial		Construction Worker				LS-SB-GP-01	LS-SB-GP-02	LS-SB-GP-03	LS-SB-GP-04	LS-SB-GP-05	LS-SB-GP-06	LS-SB-GP-07	LS-SB-GP-08	LS-SB-GP-09	LS-SB-GP-10	LS-SB-GP-11	LS-SB-GP-12	LS-SB-GP-13	LS-SB-GP-14	LS-SB-GP-15	LS-SB-GP-16	LS-SB-GP-17	LS-SB-GP-18	LS-SB-GP-19	LS-SB-GP-20	
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	1-3'	1-3'	2-4'	2-4'	1-3'	3-5'	1-3'	2-4'	2-4'	2-4'	3-5'	1-3'	2-4'	4-6'	1-3'	4-6'	1-3'	4-6'	1-3'	4-6'	
<b>VOCs<sup>d</sup></b>																												
Acetone	mg/kg	---	100,000	---	100,000	25	25	--	< 0.082	< 0.064	0.27	0.066	< 0.071	< 0.067	0.3	< 0.087	< 0.073	< 0.073	0.08	0.97	< 0.073	0.42	0.088	< 0.070	< 0.054	< 0.066	< 0.10	< 0.079
Benzene	mg/kg	100	2	2,300	2	0.03	0.17	--	< 0.0055	< 0.0042	< 0.0046	< 0.0043	< 0.0047	< 0.0045	< 0.0066	< 0.0058	< 0.0049	< 0.0049	<b>0.15</b>	<b>0.12</b>	<b>0.98</b>	< 0.0054	< 0.0047	< 0.0036	< 0.0044	< 0.0069	< 0.0053	
2-Butanone	mg/kg	700,000 **	700,000 **	120,000	730	1.2 **	---	--	< 0.082	< 0.064	< 0.069	< 0.065	< 0.071	< 0.067	< 0.099	< 0.087	< 0.073	< 0.073	<b>0.35</b>	< 0.073	<b>0.31</b>	< 0.081	< 0.070	< 0.054	< 0.066	< 0.10	< 0.079	
Ethylbenzene	mg/kg	200,000	400	20,000	58	13	19	--	< 0.0055	< 0.0042	< 0.0046	< 0.0043	< 0.0047	< 0.0045	< 0.0066	< 0.0058	< 0.0049	< 0.0049	<b>0.85</b>	<b>0.09</b>	<b>12</b>	< 0.0054	< 0.0047	< 0.0036	< 0.0044	< 0.0069	< 0.0053	
Methyl tert-butyl ether	mg/kg	20,000	8,800	2,000	140	0.32	0.32	--	< 0.0055	< 0.0042	< 0.0046	< 0.0043	< 0.0047	< 0.0045	< 0.0066	< 0.0058	< 0.0049	< 0.0049	< 0.0049	< 0.0056	< 0.0049	< 0.0055	< 0.0054	< 0.0047	< 0.0036	< 0.0044	< 0.0069	< 0.0053
Tetrachloroethene	mg/kg	110	20	2,400	28	0.06	0.3	--	<b>0.044</b>	< 0.0042	<b>0.015</b>	< 0.0043	< 0.0045	< 0.0066	< 0.0058	< 0.0049	< 0.0049	< 0.0049	< 0.0056	< 0.0049	< 0.0055	< 0.0054	< 0.0047	< 0.0036	< 0.0044	< 0.0069	< 0.0053	
Toluene	mg/kg	410,000	650	410,000	42	12	29	--	< 0.0055	< 0.0042	< 0.0046	< 0.0043	< 0.0047	< 0.0045	< 0.0066	< 0.0058	< 0.0049	< 0.0049	< 0.0049	<b>1.9</b>	< 0.0049	<b>28</b>	< 0.0054	< 0.0047	< 0.0036	< 0.0044	< 0.0069	< 0.0053
Xylenes, Total	mg/kg	410,000	320	41,000	5.6	150	150	--	< 0.016	< 0.013	< 0.014	< 0.013	< 0.014	< 0.020	< 0.017	< 0.015	< 0.015	< 0.015	<b>[5.7]</b>	<b>0.031</b>	<b>[681]</b>	< 0.016	< 0.014	< 0.011	< 0.013	< 0.021	< 0.016	
<b>SVOCs<sup>d</sup></b>																												
Acenaphthene	mg/kg	120,000	---	120,000	---	570	2,900	0.13	< 0.041	< 0.038	< 0.037	< 0.035	<b>0.076</b>	< 0.038	< 0.041	<b>0.13</b>	<b>0.72</b>	< 0.040	<b>0.049</b>	<b>0.064</b>	<b>0.06</b>	<b>0.059</b>	<b>0.97</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Acenaphthylene	mg/kg	61,000	---	61,000	---	<b>85</b>	420	0.07	< 0.041	< 0.038	< 0.037	< 0.035	< 0.037	< 0.038	< 0.041	< 0.041	<b>0.04</b>	< 0.040	<b>0.075</b>	<b>0.045</b>	< 0.038	< 0.038	<b>0.065</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Anthracene	mg/kg	610,000	---	610,000	---	12,000	59,000	0.4	< 0.041	< 0.038	< 0.037	<b>0.065</b>	0.1	< 0.038	<b>0.053</b>	<b>0.74</b>	1.8	< 0.040	<b>0.17</b>	<b>0.48</b>	<b>0.11</b>	<b>0.16</b>	<b>1.8</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Benz(a)anthracene	mg/kg	8	---	170	---	2	8	1.8	< 0.041	< 0.038	<b>0.13</b>	0.17	0.21	<b>0.13</b>	0.17	< 0.041	<b>3.3</b>	<b>0.13</b>	<b>0.69</b>	<b>1.6</b>	<b>0.21</b>	<b>5.2</b>	<b>4.2</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Benzo(a)pyrene	mg/kg	0.8	---	17	---	8	82	2.1	< 0.041	< 0.038	<b>0.14</b>	0.13	0.18	0.14	0.14	< 0.041	<b>3.1</b>	<b>0.16</b>	<b>0.83</b>	<b>1.8</b>	<b>0.18</b>	<b>6.6</b>	<b>4.4</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Benzo(b)fluoranthene	mg/kg	8	---	170	---	5	25	2.1	< 0.041	< 0.038	<b>0.19</b>	0.16	0.22	0.15	0.14	< 0.041	<b>2.7</b>	<b>0.15</b>	<b>0.85</b>	<b>1.8</b>	<b>0.19</b>	<b>6.1</b>	<b>4.3</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Benzo(g,h,i)perylene	mg/kg	61,000	---	61,000	---	27,000	130,000	1.7	<b>0.047</b>	< 0.038	<b>0.16</b>	0.091	0.12	0.12	0.1	< 0.041	<b>1.7</b>	<b>0.15</b>	<b>0.71</b>	<b>1.3</b>	<b>0.18</b>	<b>3.2</b>	<b>2.2</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039
Benzo(k)fluoranthene	mg/kg	78	---	1,700	---	49	250	1.7	< 0.041	< 0.038	<b>0.083</b>	0.12	0.11	<b>0.15</b>	< 0.041	<b>2.4</b>	<b>0.13</b>	<b>0.71</b>	<b>1.3</b>	<b>0.19</b>	<b>3.8</b>	<b>2.2</b>	< 0.040	< 0.040	< 0.038	< 0.041	< 0.039	
Bis(2-ethylhexyl)phthalate	mg/kg	410	31,000	4,100	31,000	3,600	31,000	--	< 1.0	< 0.96	< 0.93	< 0.88	< 0.93	< 0.95	< 1.0													

**Table 2**  
**Groundwater Analytical Summary**  
**4613, 4699, and 4719 West Lake Street**  
**Melrose Park, Illinois**

Parameter	Units	Exposure Route-Specific Values for Groundwater			Phase II Environmental Site Assessment May 2 and 3, 2017					
		Groundwater Ingestion Exposure Route <sup>a</sup>		Indoor Inhalation Exposure Route <sup>b</sup>						
		Class I	Class II	Industrial / Commercial	LS-GW-TW-01	LS-GW-TW-02	LS-GW-TW-04	LS-GW-TW-05	LS-GW-TW-06	LS-GW-TW-07
<b>VOCs <sup>c</sup></b>										
Acetone	mg/L	6.3	6.3	1,000,000	< 0.020	0.035	< 0.020	3.4	0.05	< 0.020
Benzene	mg/L	0.005	0.025	0.41	< 0.0050	< 0.0050	< 0.0050	0.3	< 0.0050	< 0.0050
<i>2-Butanone</i>	mg/L	4.2	4.2	48,000	< 0.020	< 0.020	< 0.020	0.59	< 0.020	< 0.020
Ethylbenzene	mg/L	0.7	1	1.4	< 0.0050	< 0.0050	< 0.0050	0.11	< 0.0050	< 0.0050
<i>4-Methyl-2-pentanone</i>	mg/L	---	---	--	< 0.020	< 0.020	< 0.020	0.11	< 0.020	< 0.020
Methyl tert-butyl ether	mg/L	0.07	0.07	6,800	<b>0.0091</b>	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Toluene	mg/L	1	2.5	530	< 0.0050	< 0.0050	< 0.0050	<b>1.1</b>	<b>0.028</b>	< 0.0050
Xylenes, Total	mg/L	10	10	93	< 0.015	< 0.015	< 0.015	0.62	0.03	< 0.015
<b>SVOCs <sup>c</sup></b>										
Benz(a)anthracene	mg/L	0.00013	0.00065	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	<b>0.00019</b>	<b>0.0007</b>
Benz(a)pyrene	mg/L	0.0002	0.002	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	<b>0.00029</b>	<b>0.001</b>
Benz(b)fluoranthene	mg/L	0.00018	0.0009	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	<b>0.00024</b>	<b>0.0014</b>
Benz(g,h,i)perylene	mg/L	0.21	1.05	--	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	<b>0.0014</b>
Benz(k)fluoranthene	mg/L	0.00017	0.00085	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	<b>0.00028</b>	<b>0.00098</b>
Benzoic acid	mg/L	28	28	--	< 0.025	< 0.025	< 0.025	<b>12</b>	<b>0.068</b>	< 0.025
Benzyl alcohol	mg/L	0.7	0.7	--	< 0.0050	< 0.0050	< 0.0050	<b>0.29</b>	< 0.0050	< 0.0050
Carbazole	mg/L	---	---	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	<b>0.00021</b>
Chrysene	mg/L	0.0015	0.0075	--	< 0.00010	< 0.00010	< 0.00010	<b>0.00013</b>	<b>0.00025</b>	<b>0.00086</b>
Fluoranthene	mg/L	0.28	1.4	--	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	<b>0.0014</b>
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00215	--	< 0.00010	< 0.00010	< 0.00010	< 0.00010	<b>0.0002</b>	<b>0.0011</b>
2-Methylnaphthalene	mg/L	<b>0.028</b>	<b>0.14</b>	--	< 0.0050	< 0.0050	< 0.0050	<b>0.017</b>	< 0.0050	< 0.0050
4-Methylphenol	mg/L	0.7	0.7	--	< 0.0050	< 0.0050	< 0.0050	<b>0.14</b>	< 0.0050	< 0.0050
Naphthalene	mg/L	0.14	0.22	0.32	< 0.0010	< 0.0010	< 0.0010	< 0.0010	<b>0.0015</b>	< 0.0010
Pyrene	mg/L	0.21	1.05	--	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	<b>0.0013</b>
<b>Inorganics, Total <sup>c</sup></b>										
Arsenic	mg/L	0.05	0.2	--	<b>0.1</b>	<b>0.23</b>	<b>0.012</b>	<b>0.034</b>	<b>0.094</b>	<b>0.006</b>
Barium	mg/L	2	2	--	<b>4.6</b>	<b>2.5</b>	<b>0.17</b>	<b>1.4</b>	<b>0.55</b>	<b>0.052</b>
Cadmium	mg/L	0.005	0.05	--	<b>0.049</b>	<b>0.01</b>	< 0.0020	<b>0.011</b>	< 0.010	< 0.0020
Chromium	mg/L	0.1	1	--	<b>0.27</b>	<b>0.35</b>	<b>0.028</b>	<b>0.16</b>	<b>0.081</b>	<b>0.0066</b>
Lead	mg/L	0.0075	0.1	--	<b>3.9</b>	<b>3</b>	<b>0.028</b>	<b>1.2</b>	<b>0.38</b>	<b>0.087</b>
Mercury	mg/L	0.002	0.01	0.06	< 0.00020	<b>0.00023</b>	< 0.00020	< 0.00020	<b>0.00021</b>	< 0.00020
<b>Inorganics, Dissolved <sup>c</sup></b>										
Arsenic	mg/L	0.05	0.2	--	<b>0.0066</b>	<b>0.0064</b>	<b>0.007</b>	<b>0.0048</b>	<b>0.0064</b>	<b>0.0042</b>
Barium	mg/L	2	2	--	<b>0.27</b>	<b>0.11</b>	<b>0.052</b>	<b>0.85</b>	<b>0.039</b>	<b>0.034</b>
Cadmium	mg/L	0.005	0.05	--	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Chromium	mg/L	0.1	1	--	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
Lead	mg/L	0.0075	0.1	--	<b>0.0073</b>	<b>0.019</b>	<b>0.0022</b>	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	0.002	0.01	0.06	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020

**0.014** Concentration exceeds the Groundwater Ingestion Exposure Route for Class I Groundwater  
**< 0.0020** Concentration is below laboratory reporting limits

**Notes:**

All samples were also analyzed for PCBs. All analytical results were below laboratory detection limits

<sup>a</sup> Remediation Objectives for the Groundwater Ingestion Exposure Route obtained from Tiered Approach to Corrective Action Objectives (TACO) 35 IAC 742, Appendix B, Table E.

<sup>b</sup> Remediation Objectives for the Indoor Inhalation Exposure Route (Diffusion and Advection) obtained from TACO 35 IAC 742, Appendix B, Table H.

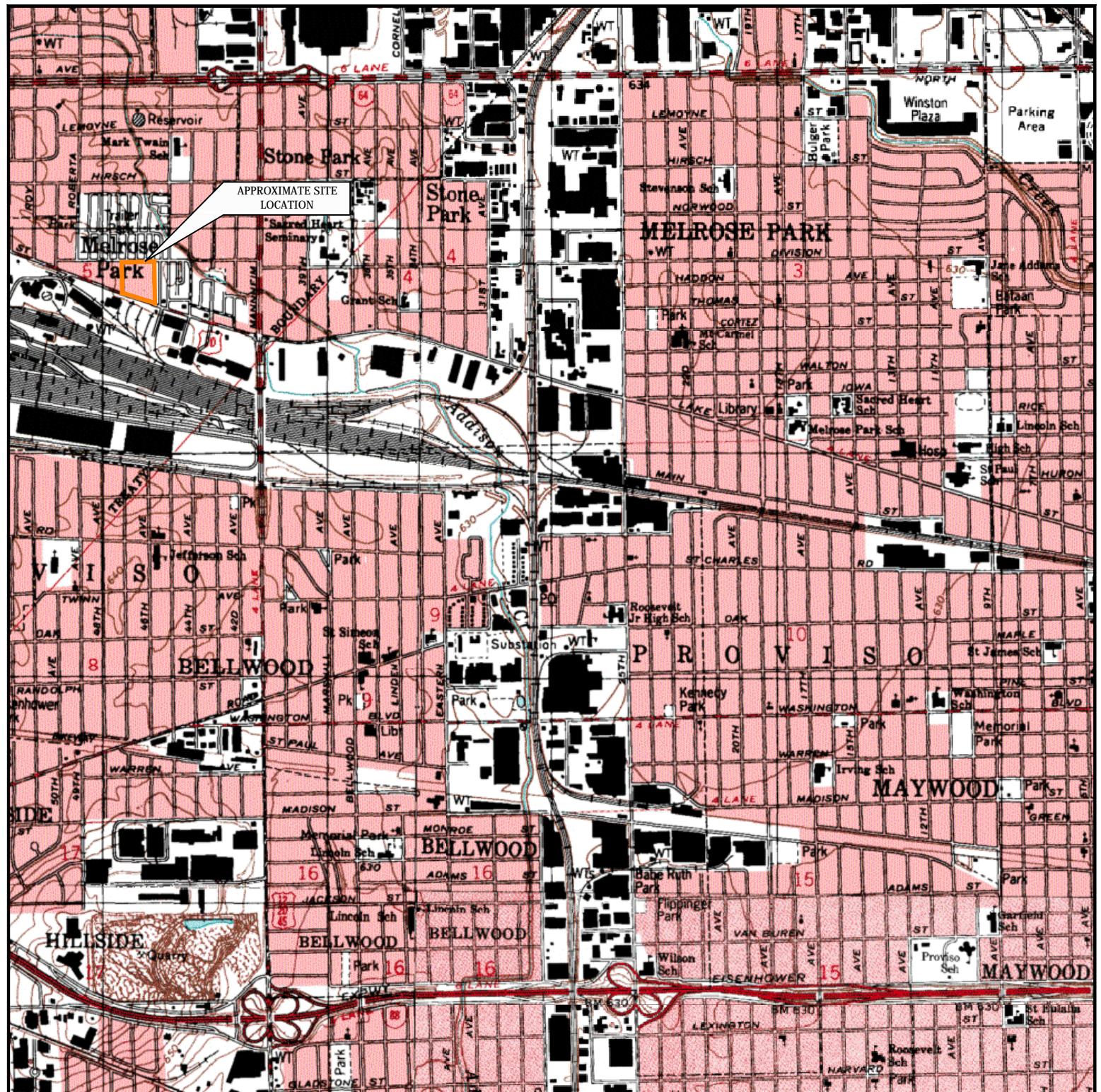
<sup>c</sup> Only Constituents Detected above Laboratory Reporting Limits are shown.

*Italics* indicates a Non-TACO Chemical - Remediation Objectives listed in IEPA's summary table for Non-TACO Class I and Class II Groundwater Objectives, revised March 31, 2016

-- Not listed in 35 IAC 742, Appendix B, Table E.

-- Not Listed in 35 IAC 742, Appendix B, Table H.

## **FIGURES**



APPROXIMATE GRAPHIC SCALE



1 inch = 2000 ft.



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PREPARED FOR:  COOK COUNTY DEPT. ENVIRONMENTAL CONTROL	SITE LOCATION MAP  4613, 4699, AND 4719 W. LAKE STREET MELROSE PARK, IL	REUSE OF DOCUMENTS  THIS DOCUMENT, AND THE DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF WEAVER CONSULTANTS GROUP, AND IS NOT TO BE USED IN WHOLE OR IN PART, WITHOUT THE WRITTEN AUTHORIZATION OF WEAVER CONSULTANTS GROUP.	DRAWN BY: RMD
			REVIEWED BY: AB
			DATE: 3/14/2016
			FILE: 3896-300-01-03
			CAD: SITEFIGS.DWG
			FIGURE 1

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APPROXIMATE GRAPHIC SCALE



1 inch = 100 ft.



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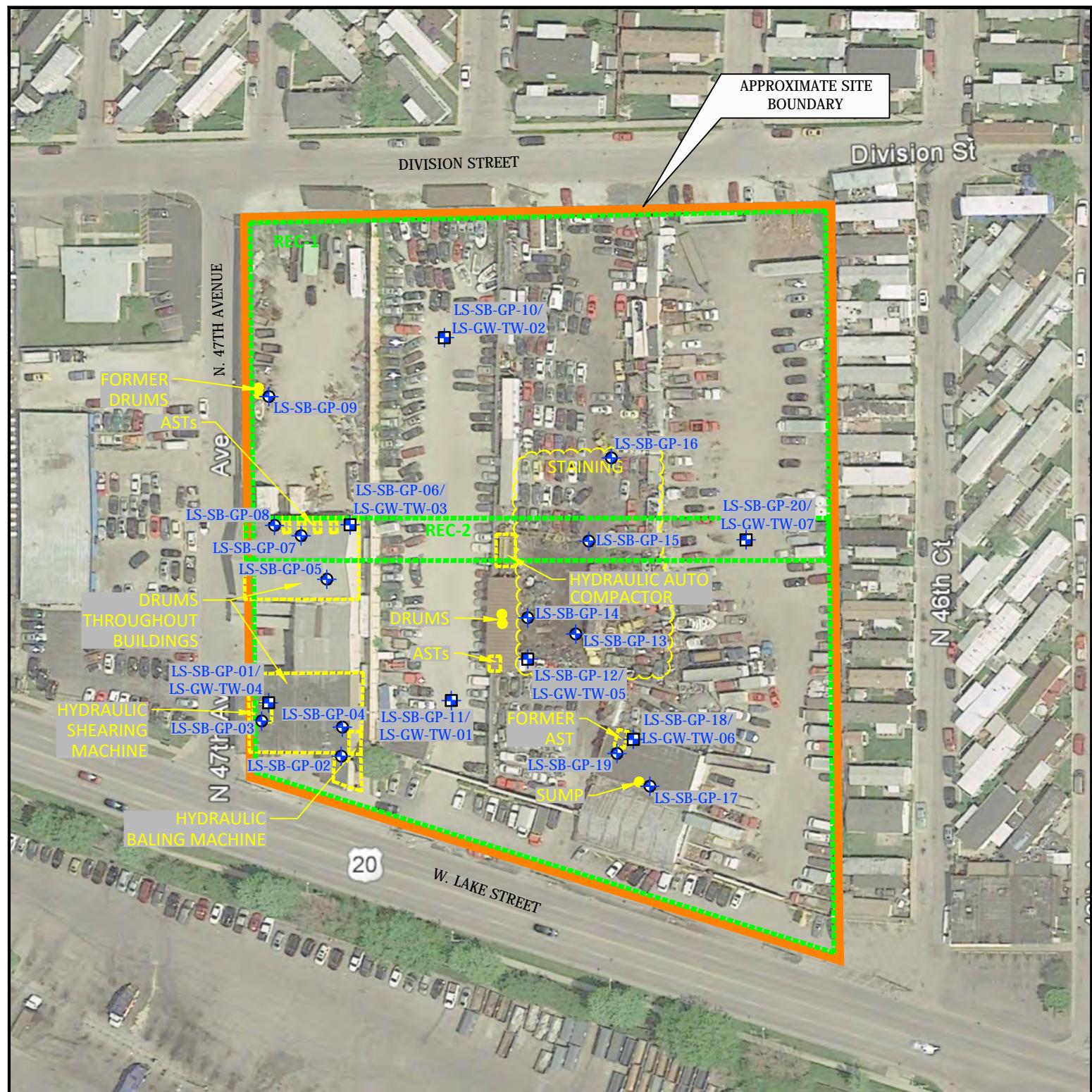
**SITE LAYOUT MAP**  
**4613, 4699, AND 4719 W. LAKE STREET**  
**MELROSE PARK, IL**

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REVIEWED BY: AB  
DATE: 3/2/2017  
FILE: 3896-300-01-03  
CAD: SITEFIGS.DWG  
**FIGURE 2**



- LEGEND**
- APPROXIMATE SOIL PROBE LOCATION
  - APPROXIMATE SOIL PROBE/TEMPORARY WELL LOCATION
  - APPROXIMATE RECOGNIZED ENVIRONMENTAL CONDITION (REC) LOCATIONS
  - FORMER SITE FEATURES

NOTE:  
REC-1 APPLIES TO THE ENTIRE PROPERTY AREA.



APPROXIMATE GRAPHIC SCALE



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### APPROXIMATE SOIL PROBE/ TEMPORARY WELL LOCATION MAP 4613, 4699, AND 4719 W. LAKE STREET MELROSE PARK, IL

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FILE: 3896-300-01-03  
CAD: SITEFIGS.DWG  
FIGURE 3

**APPENDIX A**  
**SOIL PROBE LOGS**



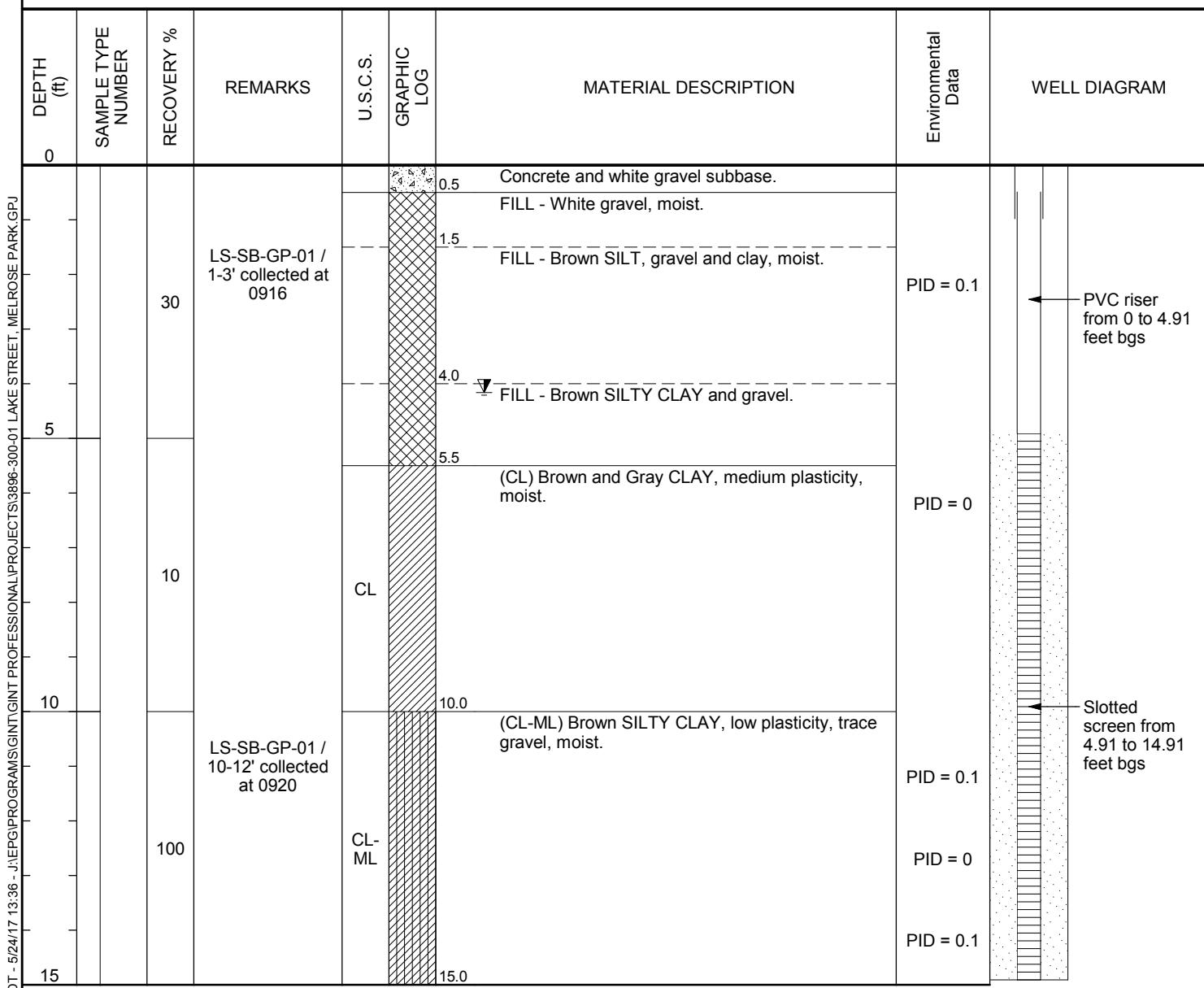
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## WELL NUMBER LS-SB-GP-01 / LS-GW-TW-04

PAGE 1 OF 1

CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/3/17 COMPLETED 5/3/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY C. Pannier CHECKED BY C. Shelton  
NOTES

PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING 4.16 ft





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CLIENT Cook County West Suburban Coalition

PROJECT NAME 4613, 4699, and 4719 West Lake Street

PROJECT NUMBER 3896-300-01-03b

PROJECT LOCATION Melrose Park, IL

DATE STARTED 5/3/17 COMPLETED 5/3/17

GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_

DRILLING CONTRACTOR Environmental Soil Probing Corp

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe

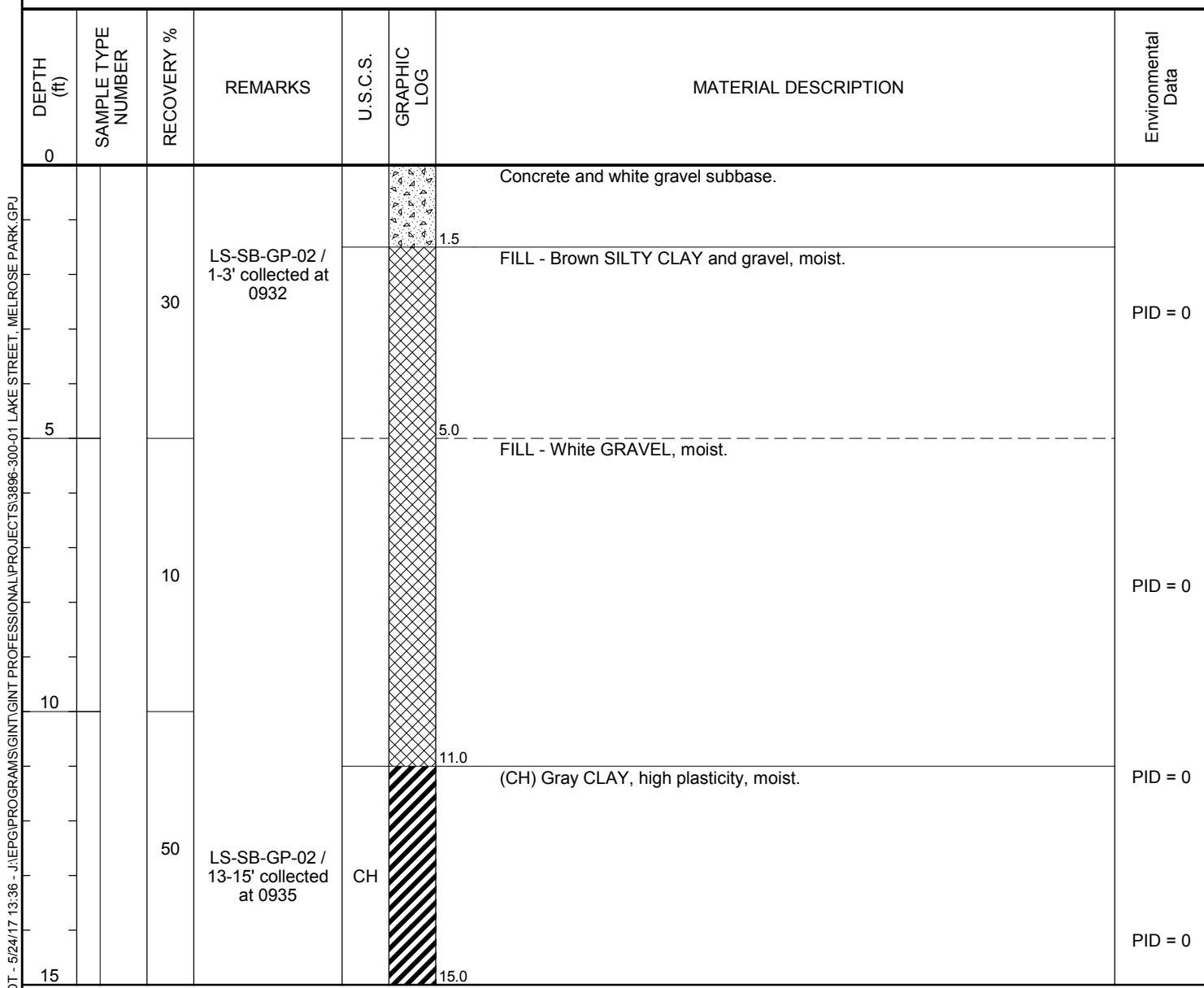
AT TIME OF DRILLING ---

LOGGED BY C. Pannier CHECKED BY C. Shelton

AT END OF DRILLING ---

NOTES \_\_\_\_\_

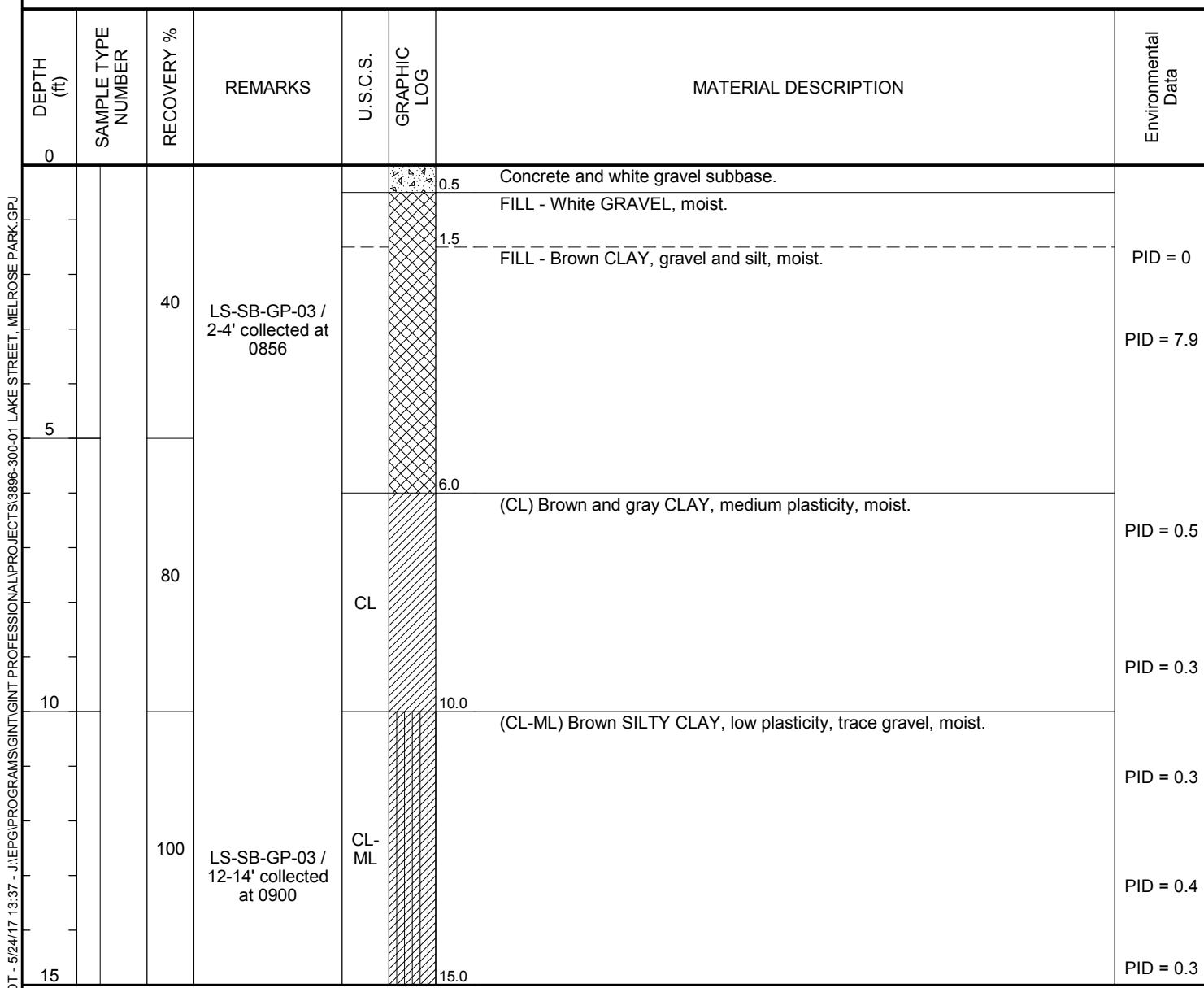
AFTER DRILLING ---





CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/3/17 COMPLETED 5/3/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY C. Pannier CHECKED BY C. Shelton  
NOTES \_\_\_\_\_

PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING ---



Bottom of borehole at 15.0 feet.



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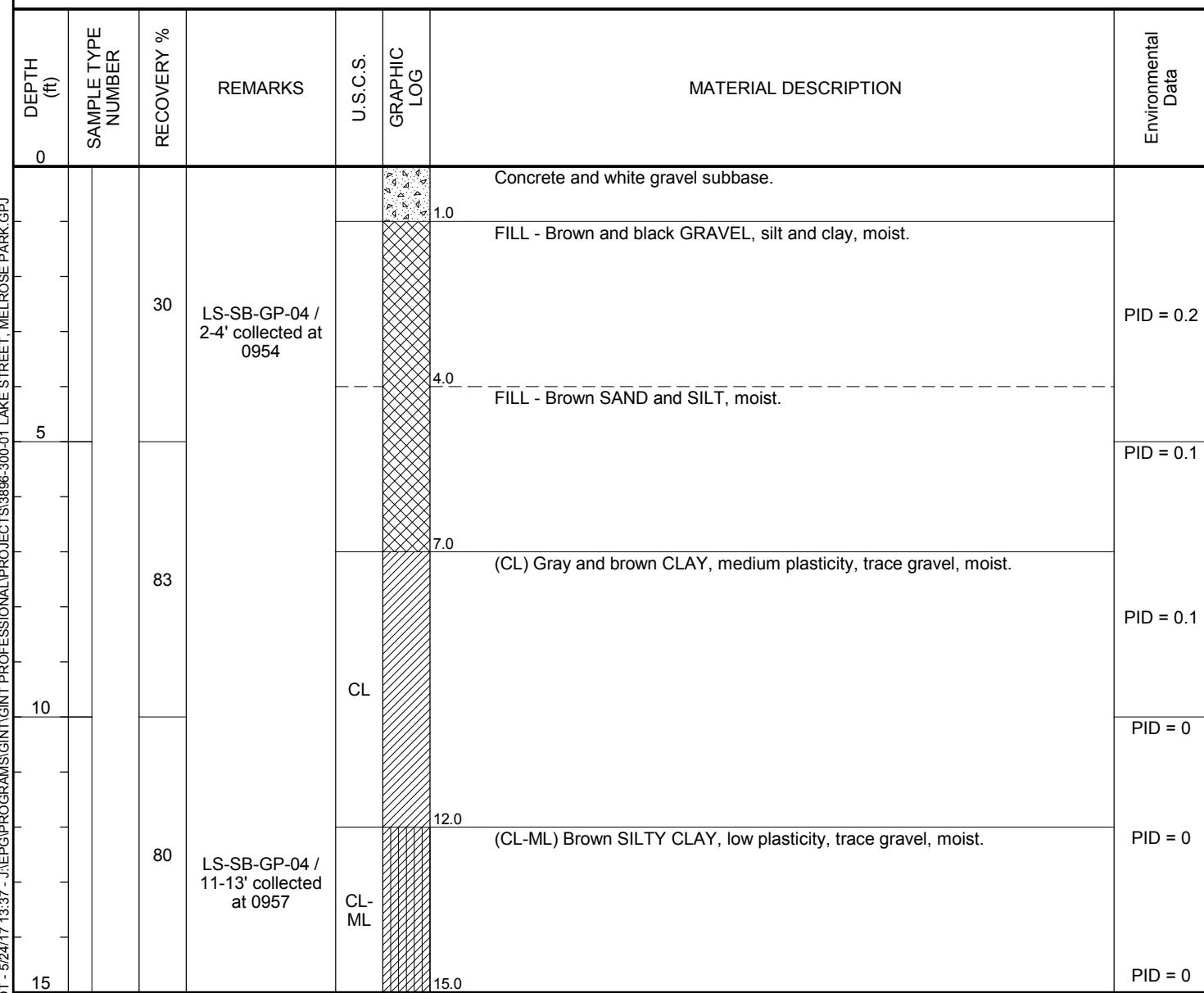
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**BORING NUMBER LS-SB-GP-04**

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CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/3/17 COMPLETED 5/3/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY C. Pannier CHECKED BY C. Shelton  
NOTES \_\_\_\_\_

PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING ---





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PROJECT NAME 4613, 4699, and 4719 West Lake Street

PROJECT NUMBER 3896-300-01-03b

PROJECT LOCATION Melrose Park, IL

DATE STARTED 5/3/17 COMPLETED 5/3/17

GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_

DRILLING CONTRACTOR Environmental Soil Probing Corp

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe

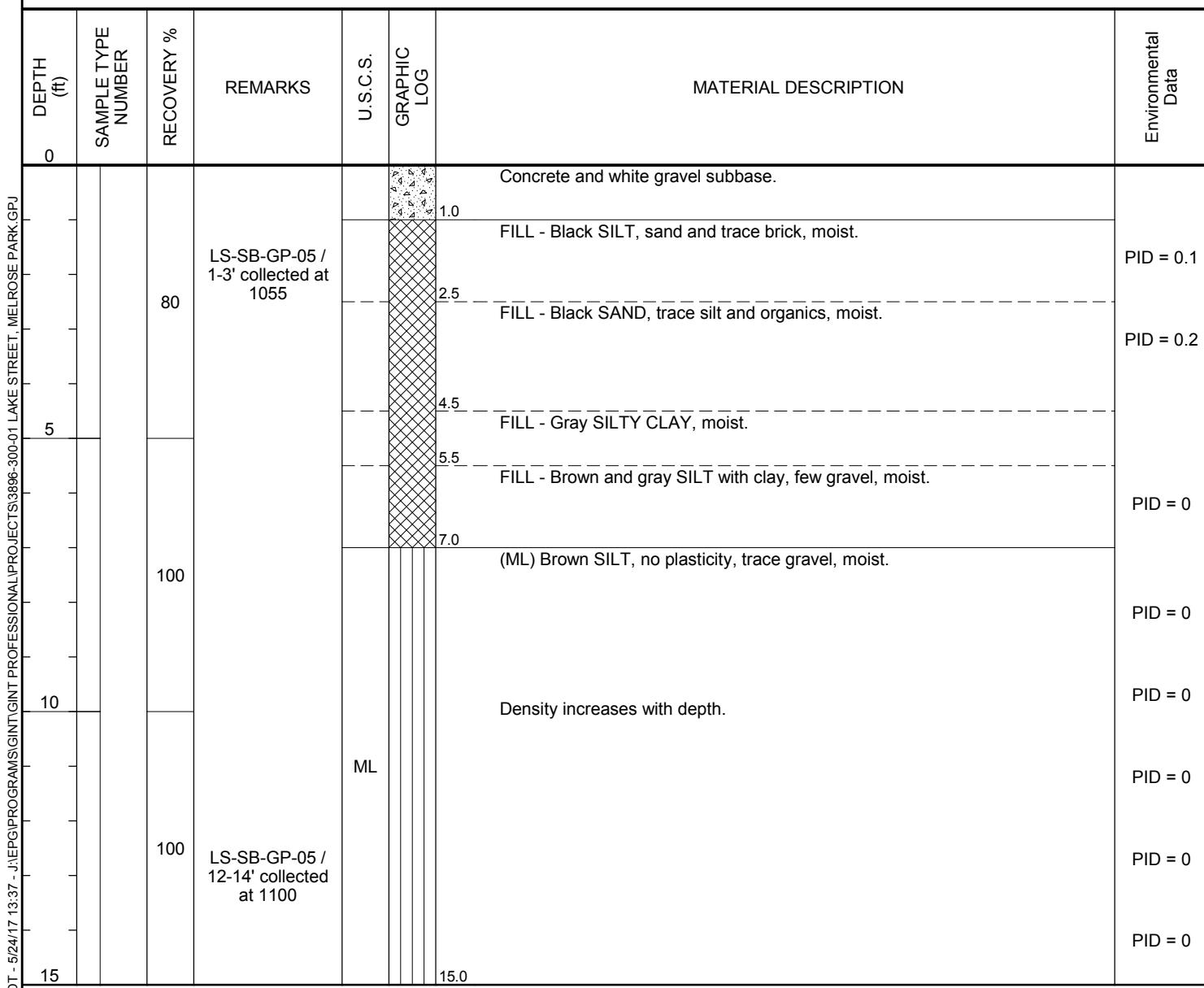
AT TIME OF DRILLING ---

LOGGED BY C. Pannier CHECKED BY C. Shelton

AT END OF DRILLING ---

NOTES \_\_\_\_\_

AFTER DRILLING ---





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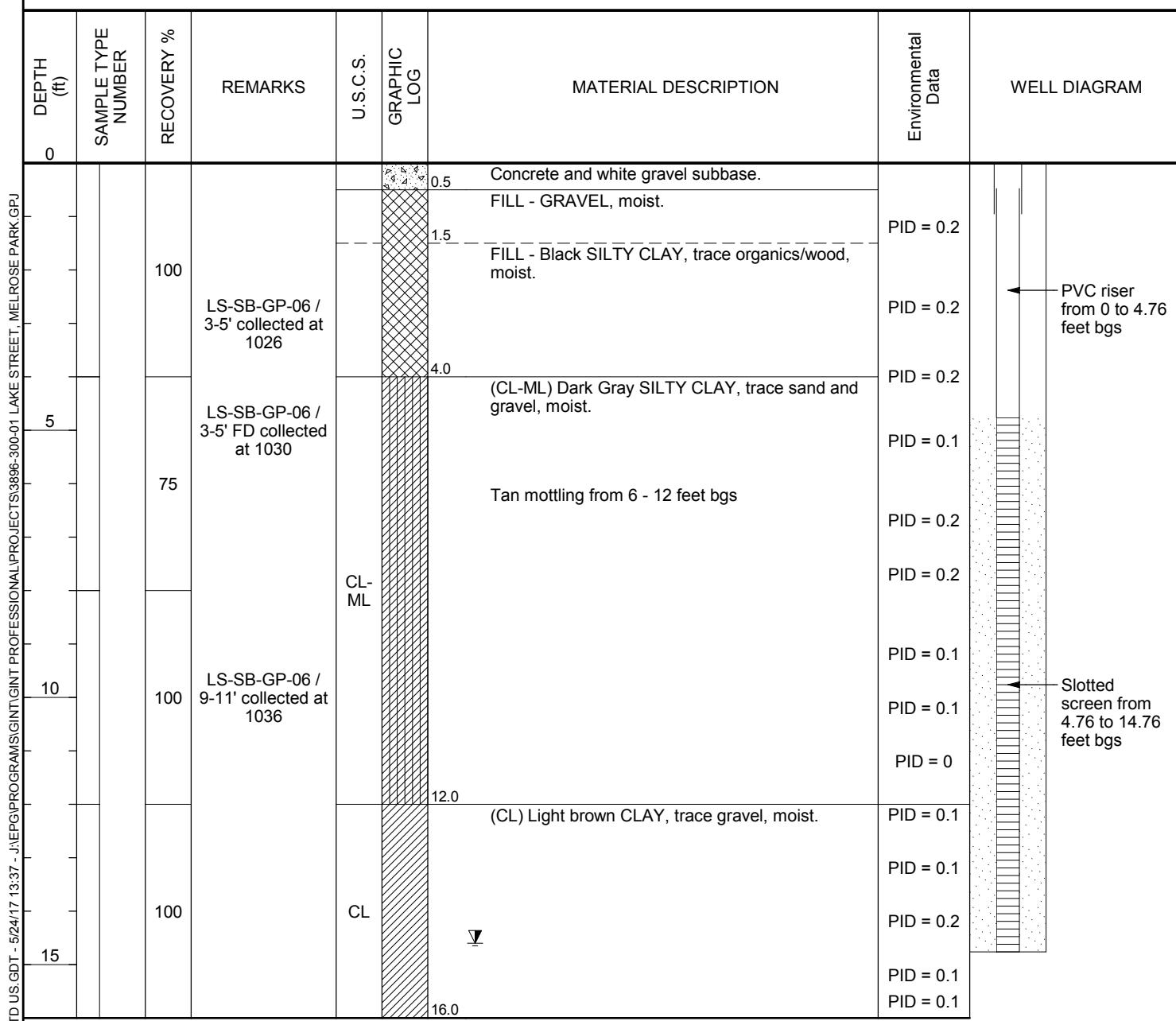
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## WELL NUMBER LS-SB-GP-06 / LS-GW-TW-03

PAGE 1 OF 1

**CLIENT** Cook County West Suburban Coalition  
**PROJECT NUMBER** 3896-300-01-03b  
**DATE STARTED** 5/2/17      **COMPLETED** 5/3/17  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp  
**DRILLING METHOD** Geoprobe  
**LOGGED BY** S. Scilingo      **CHECKED BY** C. Shelton  
**NOTES**

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street  
**PROJECT LOCATION** Melrose Park, IL  
**GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
**AT TIME OF DRILLING** ---  
**AT END OF DRILLING** ---  
**AFTER DRILLING** 14.60 ft





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**BORING NUMBER LS-SB-GP-07**

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**CLIENT** Cook County West Suburban Coalition

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street

**PROJECT NUMBER** 3896-300-01-03b

**PROJECT LOCATION** Melrose Park, IL

**DATE STARTED** 5/3/17      **COMPLETED** 5/3/17

**GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** \_\_\_\_\_

**DRILLING CONTRACTOR** Environmental Soil Probing Corp

**GROUND WATER LEVELS:**

**DRILLING METHOD** Geoprobe

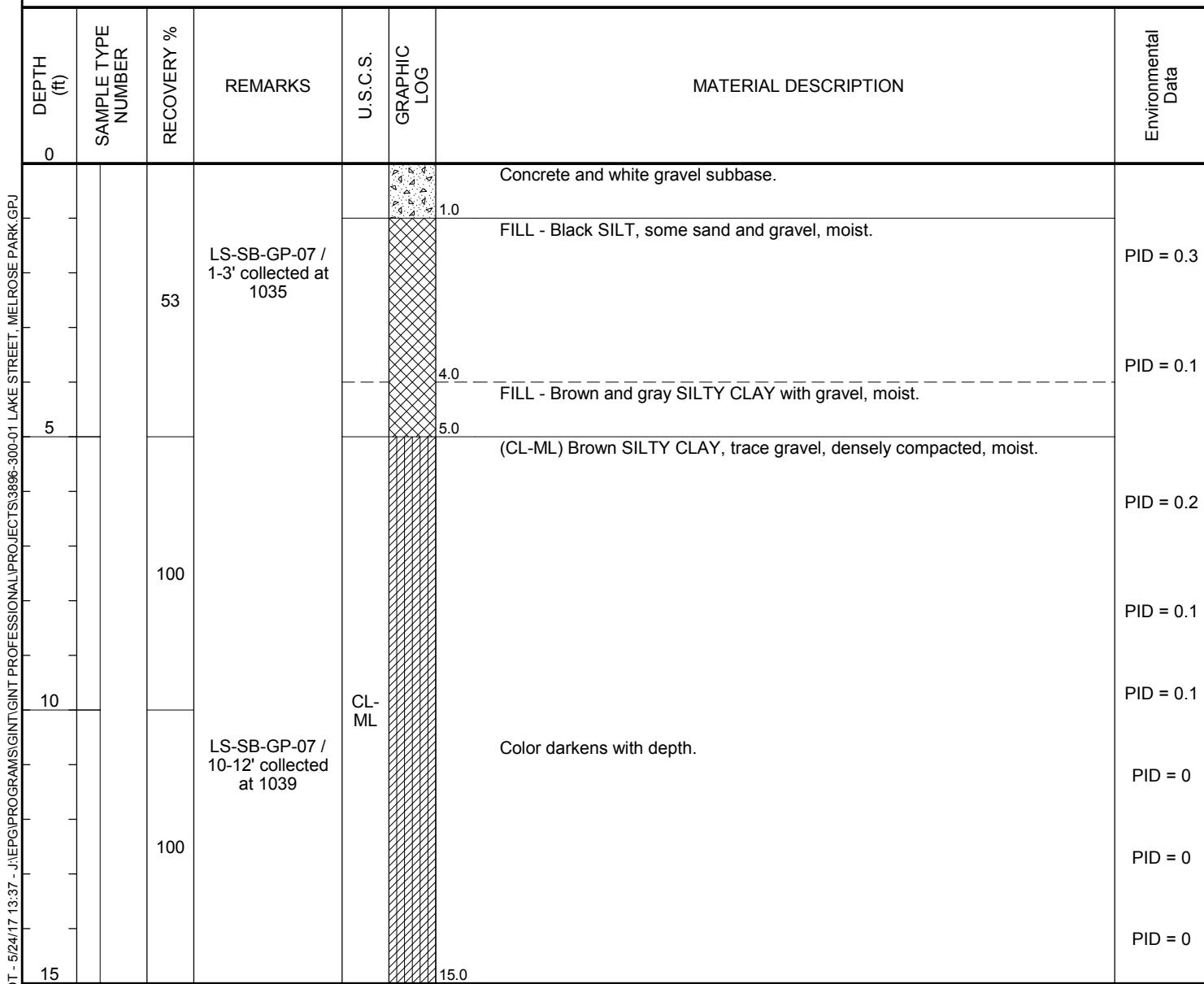
**AT TIME OF DRILLING** ---

**LOGGED BY** C. Pannier      **CHECKED BY** C. Shelton

**AT END OF DRILLING** ---

**NOTES** \_\_\_\_\_

**AFTER DRILLING** ---





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**BORING NUMBER LS-SB-GP-08**

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**CLIENT** Cook County West Suburban Coalition  
**PROJECT NUMBER** 3896-300-01-03b  
**DATE STARTED** 5/3/17      **COMPLETED** 5/3/17  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp  
**DRILLING METHOD** Geoprobe  
**LOGGED BY** C. Pannier      **CHECKED BY** C. Shelton  
**NOTES** \_\_\_\_\_

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street  
**PROJECT LOCATION** Melrose Park, IL  
**GROUND ELEVATION** \_\_\_\_\_      **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
**AT TIME OF DRILLING** ---  
**AT END OF DRILLING** ---  
**AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION		Environmental Data
					1.0	5.0	
0					Concrete and white gravel subbase.		
5					FILL - Black SILT, some gravel, moist.		PID = 0.1
50	LS-SB-GP-08 / 2-4' collected at 1014						PID = 0.5
67					(CL-ML) Brown and gray SILTY CLAY, moist.		PID = 0.1
10					(ML) Tan SANDY SILT, fine sand, no plasticity, moist.		PID = 0
100	LS-SB-GP-08 / 11-13' collected at 1018				(CL-ML) Brown SILTY CLAY, trace gravel, moist.		PID = 0
15					Gray from 14 to 15 feet bgs.		PID = 0
					Bottom of borehole at 15.0 feet.		PID = 0



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**BORING NUMBER LS-SB-GP-09**

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CLIENT Cook County West Suburban Coalition

PROJECT NAME 4613, 4699, and 4719 West Lake Street

PROJECT NUMBER 3896-300-01-03b

PROJECT LOCATION Melrose Park, IL

DATE STARTED 5/2/17 COMPLETED 5/2/17

GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_

DRILLING CONTRACTOR Environmental Soil Probing Corp

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe

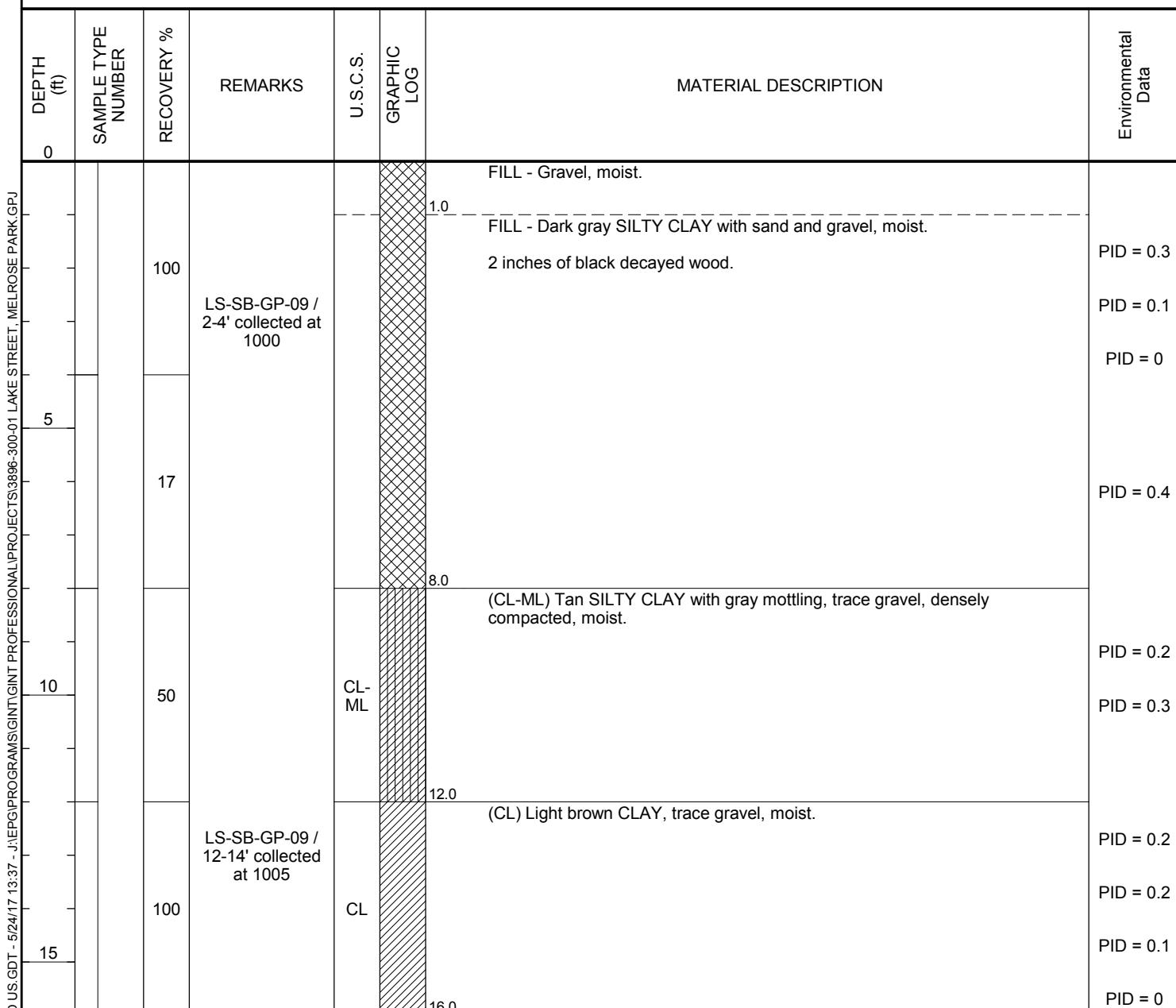
AT TIME OF DRILLING ---

LOGGED BY S. Scilingo CHECKED BY C. Shelton

AT END OF DRILLING ---

NOTES \_\_\_\_\_

AFTER DRILLING ---





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## WELL NUMBER LS-SB-GP-10 / LS-GW-TW-02

PAGE 1 OF 1

CLIENT Cook County West Suburban Coalition

PROJECT NAME 4613, 4699, and 4719 West Lake Street

PROJECT NUMBER 3896-300-01-03b

PROJECT LOCATION Melrose Park, IL

DATE STARTED 5/2/17 COMPLETED 5/3/17

GROUND ELEVATION HOLE SIZE

DRILLING CONTRACTOR Environmental Soil Probing Corp

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe

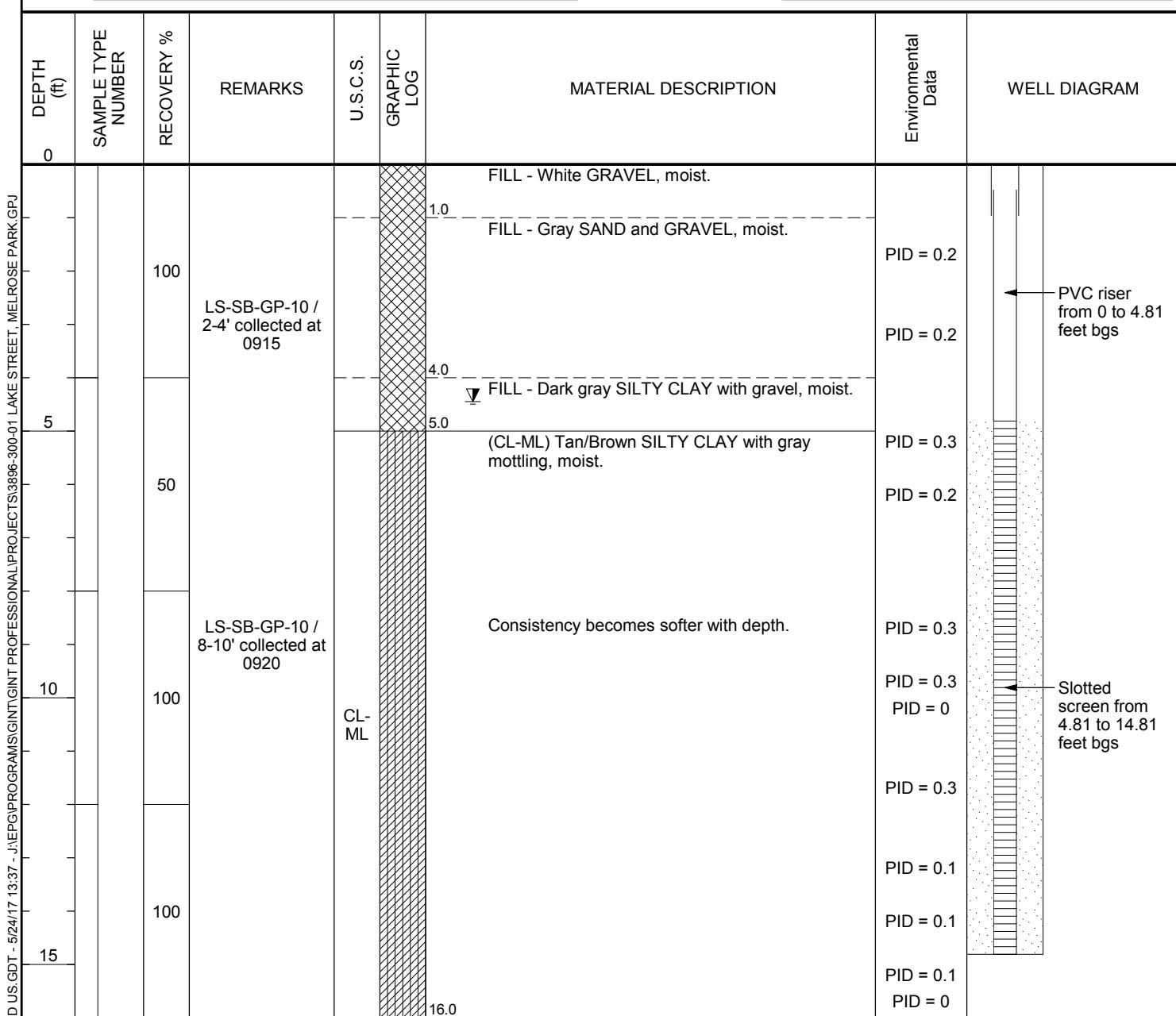
AT TIME OF DRILLING ---

LOGGED BY S. Scilingo CHECKED BY C. Shelton

AT END OF DRILLING ---

NOTES

AFTER DRILLING 4.45 ft





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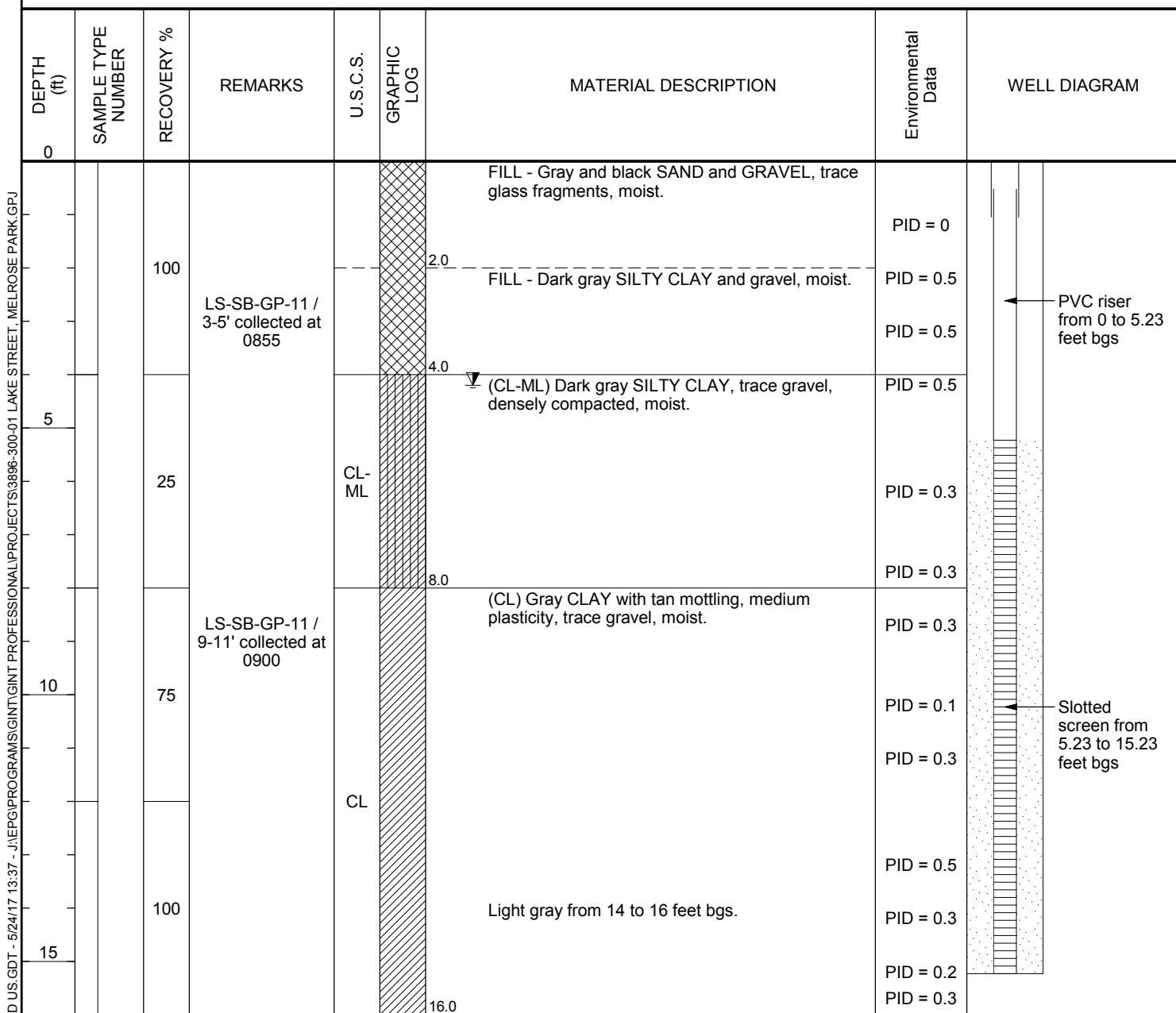
Weaver Consultants Group

# WELL NUMBER LS-SB-GP-11 / LS-GW-TW-01

PAGE 1 OF 1

**CLIENT** Cook County West Suburban Coalition  
**PROJECT NUMBER** 3896-300-01-03b  
**DATE STARTED** 5/2/17      **COMPLETED** 5/3/17  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp  
**DRILLING METHOD** Geoprobe  
**LOGGED BY** S. Scilingo      **CHECKED BY** C. Shelton  
**NOTES**

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street  
**PROJECT LOCATION** Melrose Park, IL  
**GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
**AT TIME OF DRILLING** ---  
**AT END OF DRILLING** ---  
**AFTER DRILLING** 4.20 ft





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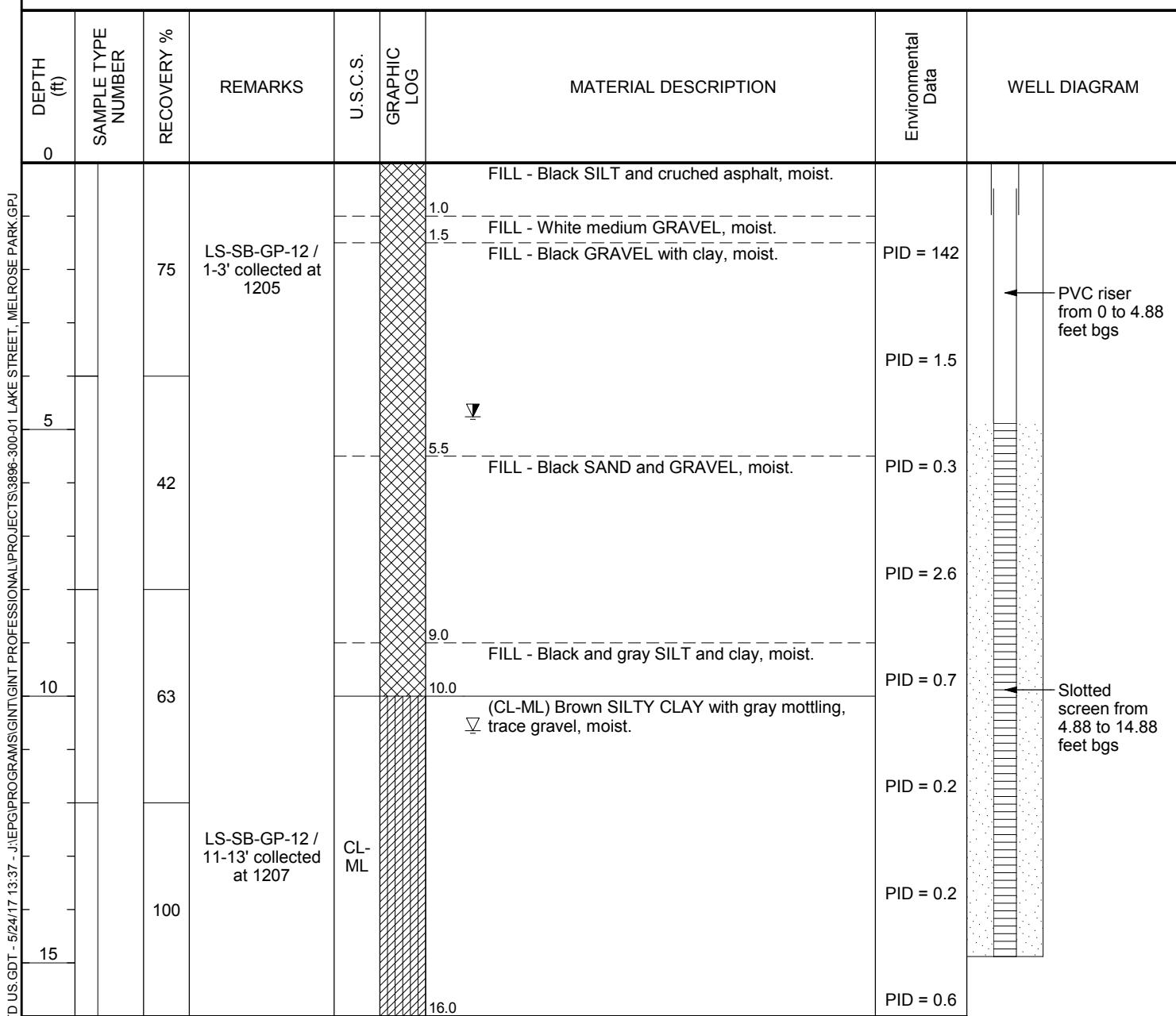
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# WELL NUMBER LS-SB-GP-12 / LS-GW-TW-05

PAGE 1 OF 1

**CLIENT** Cook County West Suburban Coalition  
**PROJECT NUMBER** 3896-300-01-03b  
**DATE STARTED** 5/2/17      **COMPLETED** 5/2/17  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp  
**DRILLING METHOD** Geoprobe  
**LOGGED BY** C. Pannier      **CHECKED BY** C. Shelton  
**NOTES**

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street  
**PROJECT LOCATION** Melrose Park, IL  
**GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
 ▽ AT TIME OF DRILLING 10.65 ft  
 AT END OF DRILLING ---  
 ▽ AFTER DRILLING 4.76 ft





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**BORING NUMBER LS-SB-GP-13**

PAGE 1 OF 1

CLIENT Cook County West Suburban Coalition

PROJECT NAME 4613, 4699, and 4719 West Lake Street

PROJECT NUMBER 3896-300-01-03b

PROJECT LOCATION Melrose Park, IL

DATE STARTED 5/2/17 COMPLETED 5/2/17

GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_

DRILLING CONTRACTOR Environmental Soil Probing Corp

GROUND WATER LEVELS:

DRILLING METHOD Geoprobe

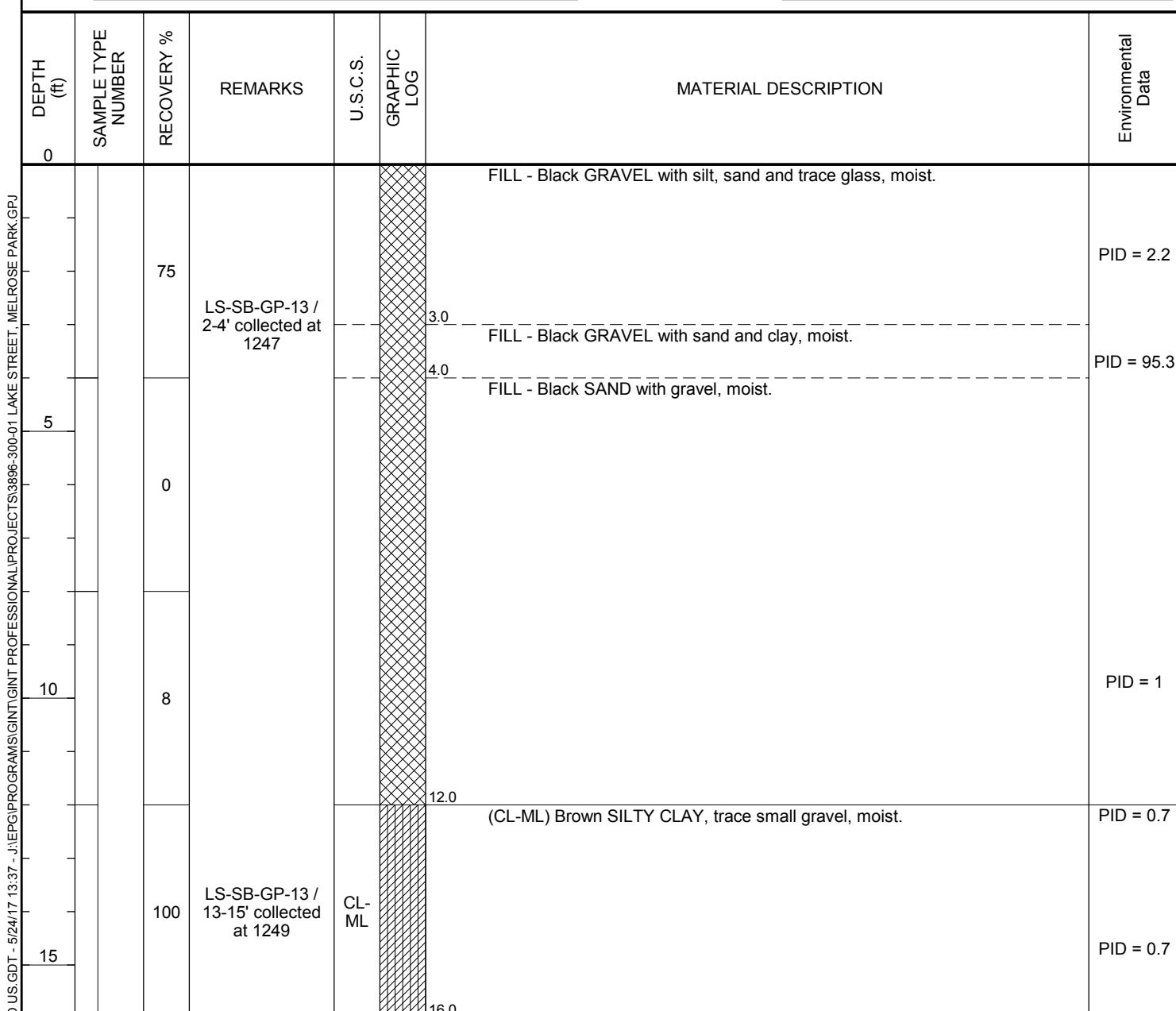
AT TIME OF DRILLING ---

LOGGED BY C. Pannier CHECKED BY C. Shelton

AT END OF DRILLING ---

NOTES \_\_\_\_\_

AFTER DRILLING ---



Bottom of borehole at 16.0 feet.



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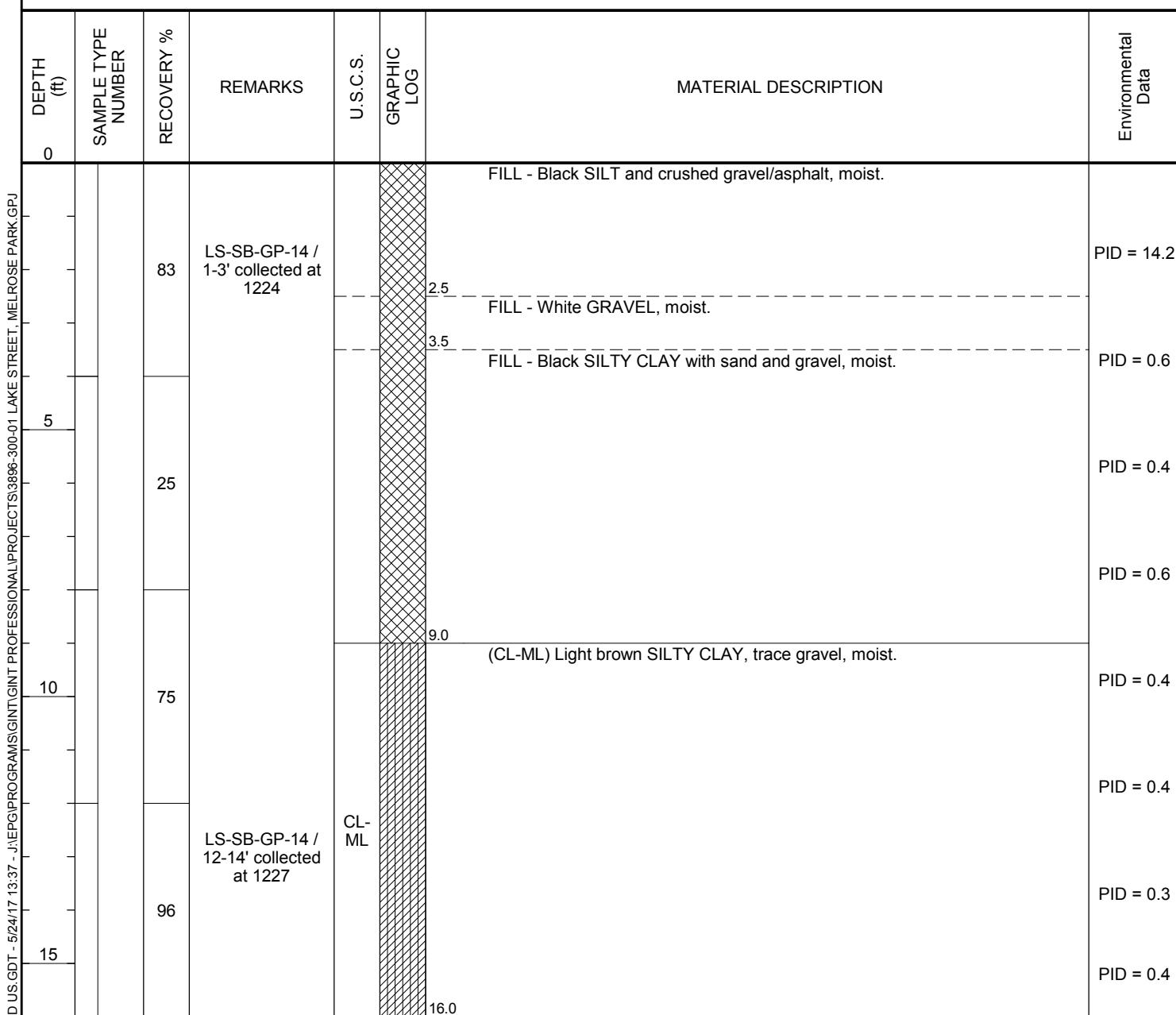
Weaver Consultants Group

**BORING NUMBER LS-SB-GP-14**

PAGE 1 OF 1

**CLIENT** Cook County West Suburban Coalition \_\_\_\_\_  
**PROJECT NUMBER** 3896-300-01-03b \_\_\_\_\_  
**DATE STARTED** 5/2/17      **COMPLETED** 5/2/17 \_\_\_\_\_  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp \_\_\_\_\_  
**DRILLING METHOD** Geoprobe \_\_\_\_\_  
**LOGGED BY** S. Scilingo      **CHECKED BY** C. Shelton \_\_\_\_\_  
**NOTES** \_\_\_\_\_

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street \_\_\_\_\_  
**PROJECT LOCATION** Melrose Park, IL \_\_\_\_\_  
**GROUND ELEVATION** \_\_\_\_\_      **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
    **AT TIME OF DRILLING** ---  
    **AT END OF DRILLING** ---  
    **AFTER DRILLING** ---





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Group

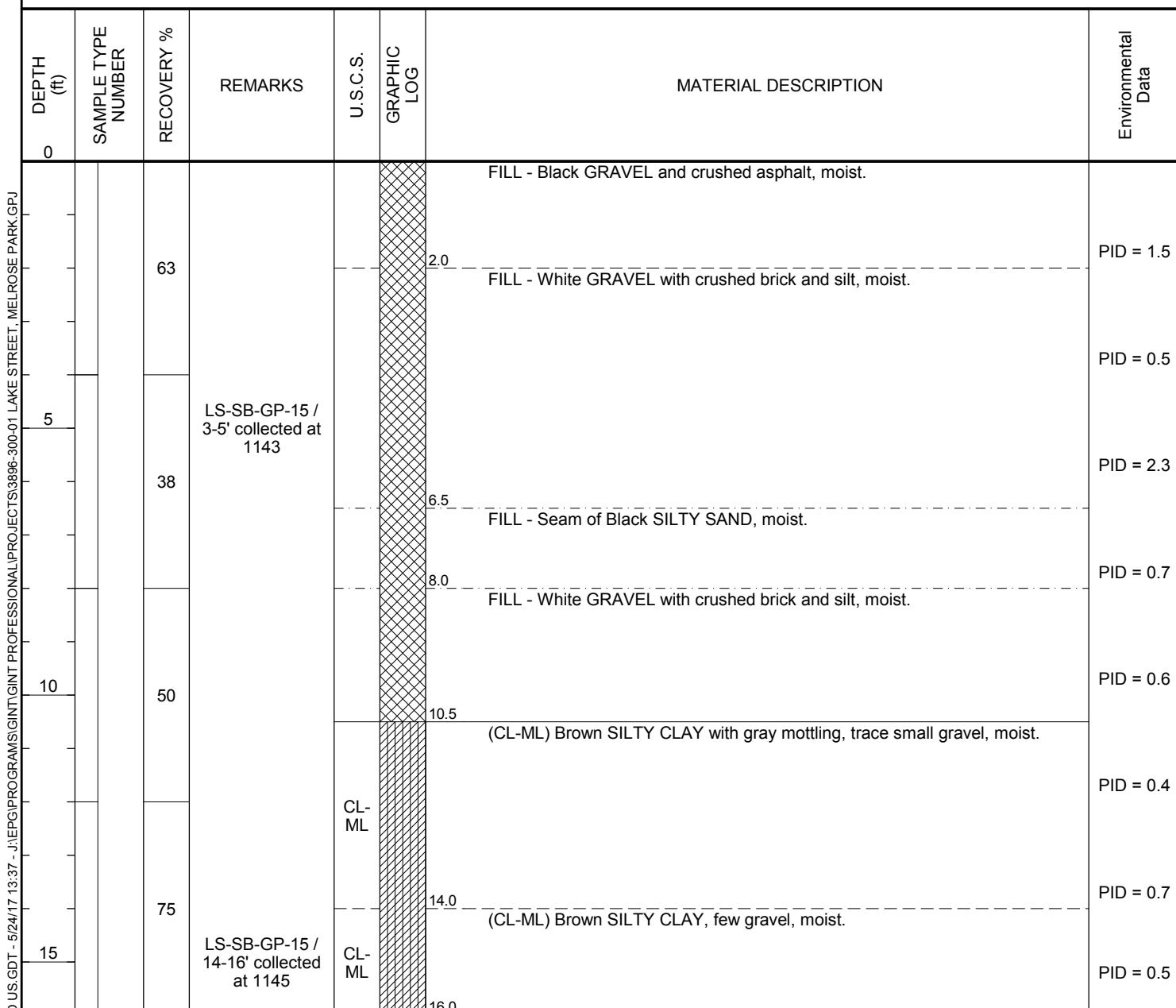
Weaver Consultants Group

**BORING NUMBER LS-SB-GP-15**

PAGE 1 OF 1

CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/2/17 COMPLETED 5/2/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY C. Pannier CHECKED BY C. Shelton  
NOTES \_\_\_\_\_

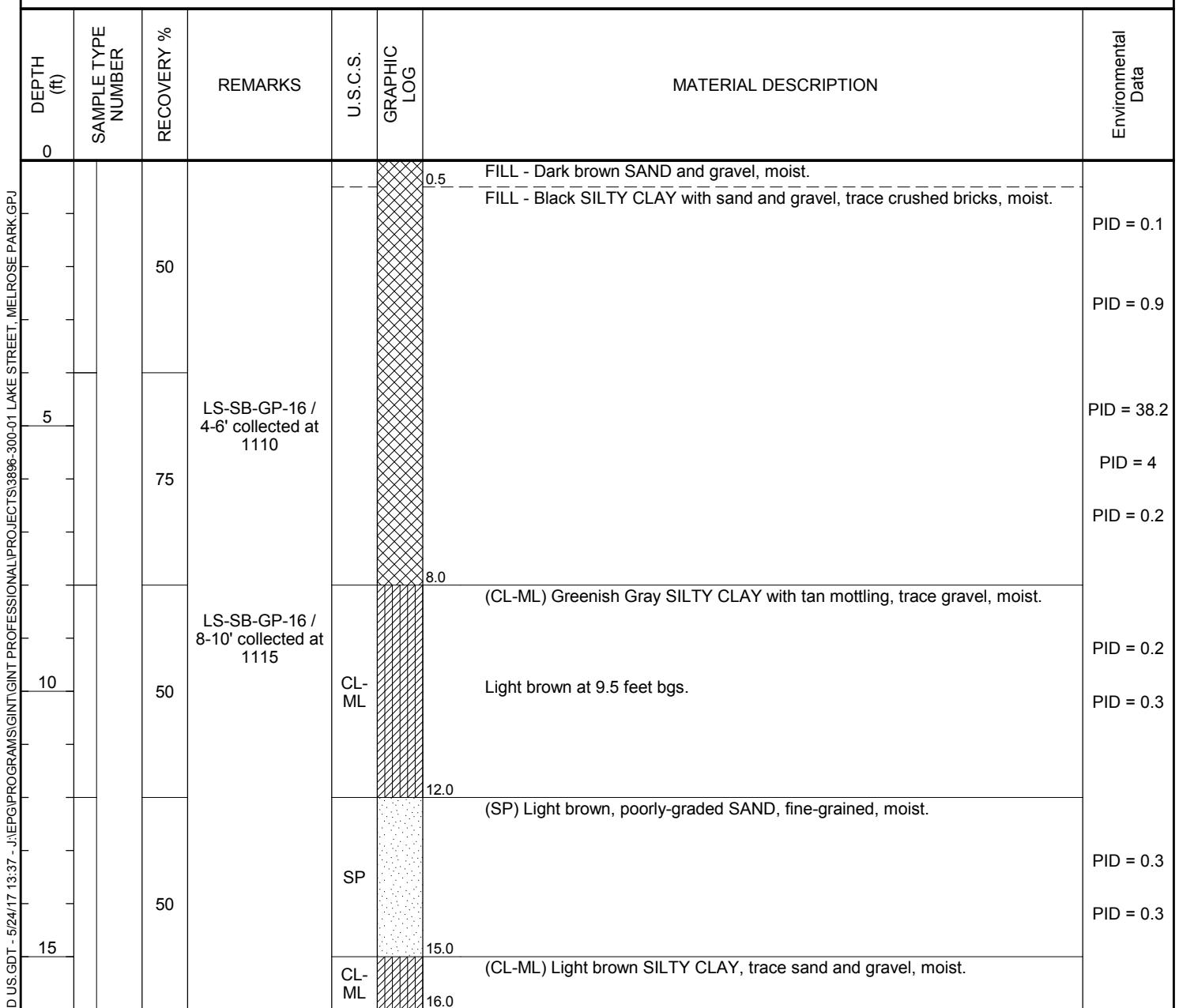
PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING ---





**CLIENT** Cook County West Suburban Coalition  
**PROJECT NUMBER** 3896-300-01-03b  
**DATE STARTED** 5/2/17      **COMPLETED** 5/2/17  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp  
**DRILLING METHOD** Geoprobe  
**LOGGED BY** S. Scilingo      **CHECKED BY** C. Shelton  
**NOTES**

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street  
**PROJECT LOCATION** Melrose Park, IL  
**GROUND ELEVATION** \_\_\_\_\_      **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
    **AT TIME OF DRILLING** ---  
    **AT END OF DRILLING** ---  
    **AFTER DRILLING** ---



Bottom of borehole at 16.0 feet.



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BORING NUMBER LS-SB-GP-17

PAGE 1 OF 1

CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/3/17 COMPLETED 5/3/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY C. Pannier CHECKED BY C. Shelton  
NOTES

PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S. GRAPHIC LOG	MATERIAL DESCRIPTION		Environmental Data
					1.0	5.0	
0					Concrete and white gravel subbase.		
5					FILL - Black/brown GRAVEL with silt and clay, wet.		PID = 0.3
25	LS-SB-GP-17 / 6-8' collected at 1155	13	LS-SB-GP-17 / 1-3' collected at 1151	CL- ML	(CL-ML) Brown SILTY CLAY, trace small gravel, moist.		PID = 0.2
					Bottom of borehole at 8.0 feet.		



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Group

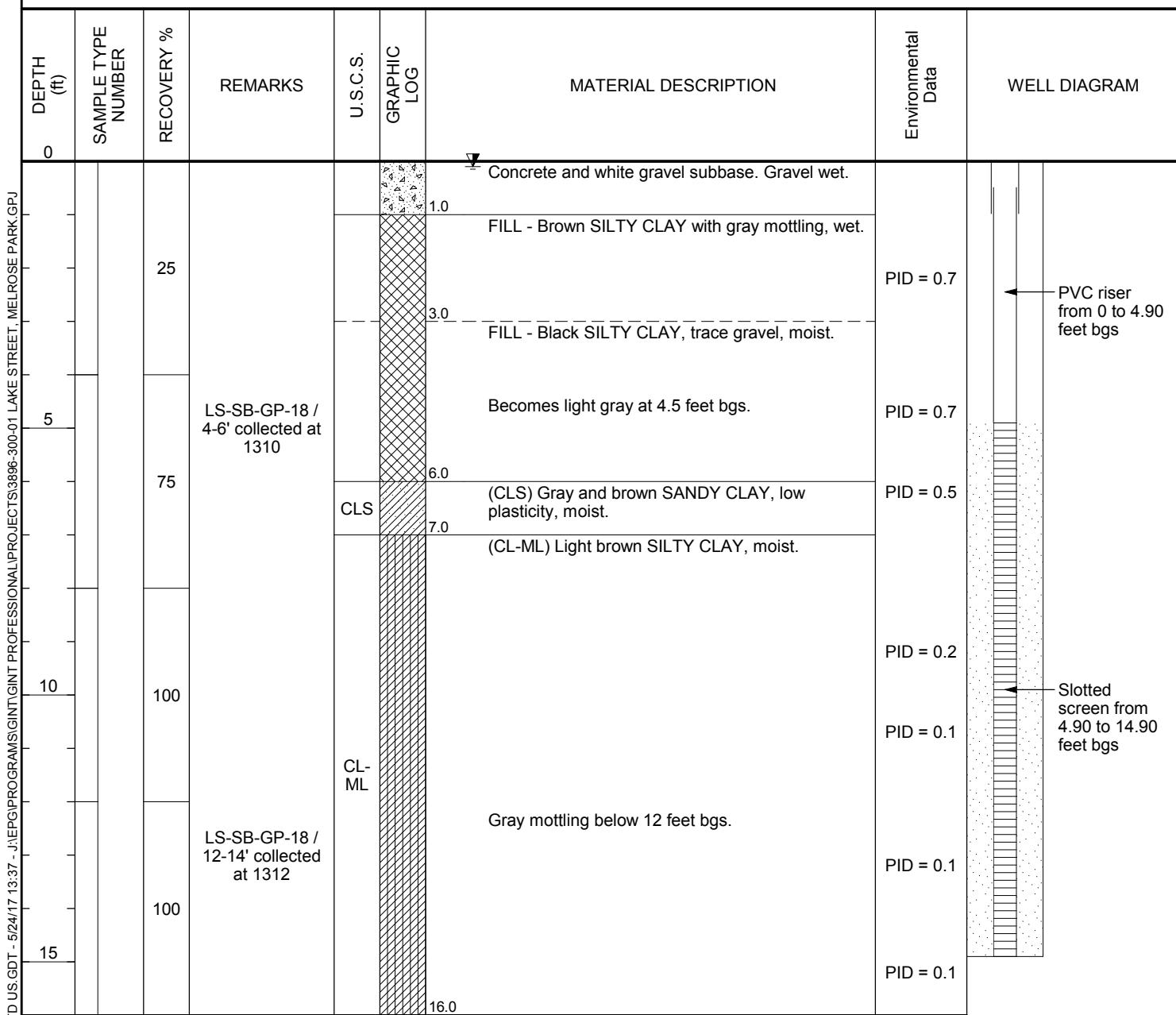
Weaver Consultants Group

# WELL NUMBER LS-SB-GP-18 / LS-GW-TW-06

PAGE 1 OF 1

**CLIENT** Cook County West Suburban Coalition  
**PROJECT NUMBER** 3896-300-01-03b  
**DATE STARTED** 5/2/17      **COMPLETED** 5/2/17  
**DRILLING CONTRACTOR** Environmental Soil Probing Corp  
**DRILLING METHOD** Geoprobe  
**LOGGED BY** S. Scilingo      **CHECKED BY** C. Shelton  
**NOTES**

**PROJECT NAME** 4613, 4699, and 4719 West Lake Street  
**PROJECT LOCATION** Melrose Park, IL  
**GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** \_\_\_\_\_  
**GROUND WATER LEVELS:**  
**AT TIME OF DRILLING** ---  
**AT END OF DRILLING** ---  
**AFTER DRILLING** 0.10 ft





CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/3/17 COMPLETED 5/3/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY C. Pannier CHECKED BY C. Shelton  
NOTES \_\_\_\_\_

PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	REMARKS	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION		Environmental Data
						1.0	5.0	
0						Concrete and white gravel subbase. Gravel wet.		
25	LS-SB-GP-19 / 1-3' collected at 1125					FILL - Black GRAVEL with silt, wet.		PID = 0.2
50	LS-SB-GP-19 / 6-8' collected at 1129			CL- ML		(CL-ML) Brown SILTY CLAY, trace gravel, moist.		PID = 0.1
						Bottom of borehole at 8.0 feet.		PID = 0.1



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Consultants  
Group

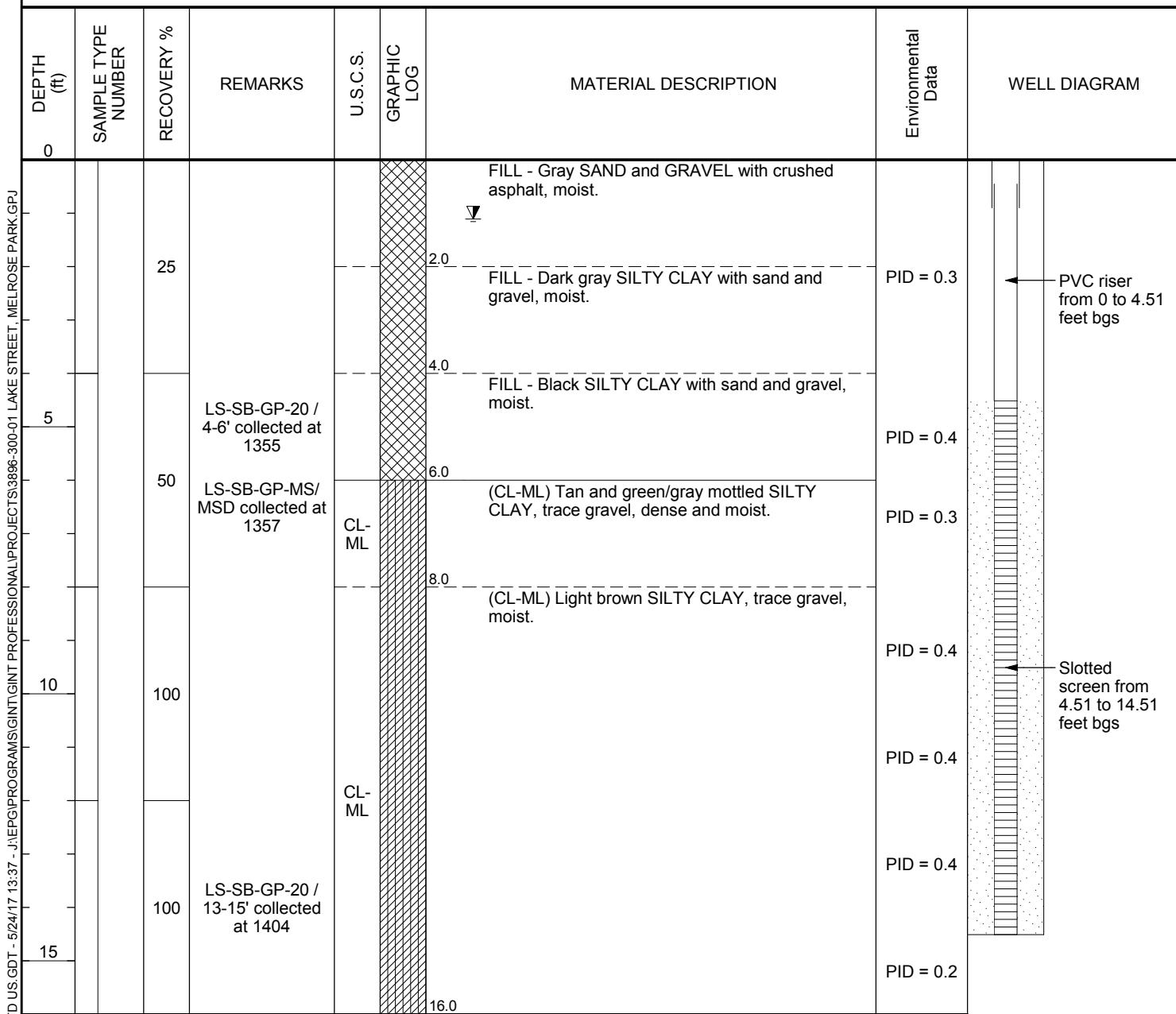
Weaver Consultants Group

# WELL NUMBER LS-SB-GP-20 / LS-GW-TW-07

PAGE 1 OF 1

CLIENT Cook County West Suburban Coalition  
PROJECT NUMBER 3896-300-01-03b  
DATE STARTED 5/2/17 COMPLETED 5/3/17  
DRILLING CONTRACTOR Environmental Soil Probing Corp  
DRILLING METHOD Geoprobe  
LOGGED BY S. Scilingo CHECKED BY C. Shelton  
NOTES \_\_\_\_\_

PROJECT NAME 4613, 4699, and 4719 West Lake Street  
PROJECT LOCATION Melrose Park, IL  
GROUND ELEVATION \_\_\_\_\_ HOLE SIZE \_\_\_\_\_  
GROUND WATER LEVELS:  
AT TIME OF DRILLING ---  
AT END OF DRILLING ---  
AFTER DRILLING 1.11 ft



**APPENDIX B**  
**GROUNDWATER SAMPLING FORMS**

# WEAVER CONSULTANTS GROUP, NORTH CENTRAL, LLC.

35 East Wacker Drive, Suite 1250

Chicago, IL 60601

## Groundwater Sampling Field Form

Date: 5/3/2017

Site: <u>4613, 4699, and 4719 West Lake Street</u>	Permit #: _____							
Project # <u>3896-300-01-03b</u>	Location: <u>Franklin Park, IL</u>							
Name of Person(s) Sampling: <u>Colin Pannier</u> Title: <u>Staff Geologist</u>								
Monitoring Well: <u>LS-GW-TW-01</u>	Well Gradient: <u>N/A</u>							
Top of the Procover: <u>N/A</u> MSL	Top of PVC <u>N/A</u> MSL	Ground Surface: <u>N/A</u> MSL						
GW Depth (bgs): <u>4.20</u> FT	<u>N/A</u> MSL	Total Well Depth: <u>15.23</u> FT	<u>N/A</u> MSL					
Water Volume in Casing: <u>0.5</u> Gal	Well Diameter (in.): <u>1</u>							
Total Volume Purged: <u>N/A</u> Gallons	Well Bailed Dry? <u>N</u> (Y/N)							
Purge Equipment: <u>Peristaltic Geopump</u>								
Field Meters <u>N/A</u>								
Field Equipment <u>Water Level Meter</u>	<u>Liquinox Bath</u>							
Sample Appearance: <u>Dark brown, cloudy</u>								
Sampling Time: <u>0837</u>								
Field Measurements*:	#1	#2	#3	#4	#5	#6	#7	
	-	-	-					std. units
	-	-	-					umhos/cm
	-	-	-					°C
	-	-	-					mg/L
	-	-	-					mV
	-	-	-					---
	Well Recharge: (Poor ----Fair----Very Good)	<u>Poor</u>						
Weather Conditions:	Skies <u>Clear</u>	Temp <u>50</u> deg F	Wind: <u>~5 MPH</u>					
Precipitation: <u>None</u>								
Notes / Observations:	<u>*Measurements not taken due to low recharge rate. Additionally, the well was not purged to conserve water for sampling.</u> <hr/> <hr/>							

# WEAVER CONSULTANTS GROUP, NORTH CENTRAL, LLC.

35 East Wacker Drive, Suite 1250

Chicago, IL 60601

## Groundwater Sampling Field Form

Date: 5/3/2017

Permit #: \_\_\_\_\_

Site: 4613, 4699, and 4719 West Lake Street

Location: Franklin Park, IL

Project # 3896-300-01-03b

Name of Person(s) Sampling: Colin Pannier Title: Staff Geologist

Monitoring Well: LS-GW-TW-02 Well Gradient: N/A

Top of the Procover: N/A MSL Top of PVC N/A MSL Ground Surface: N/A MSL

GW Depth (bgs): 4.45 FT N/A MSL Total Well Depth: 14.81 FT N/A MSL

Water Volume in Casing: 0.5 Gal Well Diameter (in.): 1

Total Volume Purged: 0.25 Gallons Well Bailed Dry? N (Y/N)

Purge Equipment: Peristaltic Geopump

Field Meters Hanna pH/ORP Meter

Field Equipment Water Level Meter Liquinox Bath

Sample Appearance: Slightly tan/cloudy

Sampling Time: 1400

Field Measurements*:	#1	#2	#3	#4	#5	#6	#7	
pH	-	-	-					std. units
SC	-	-	-					umhos/cm
Temp	-	-	-					°C
DO	-	-	-					mg/L
ORP	-	-	-					mV
Time	-	-	-					---

Well Recharge: (Poor ----Fair----Very Good) Poor

Weather Conditions:

Skies Clear Temp 60 deg F Wind: \_\_\_\_\_  
Precipitation: None

Notes / Observations: \*Measurements not taken due to low recharge rate. Additionally, a low volume was purged to conserve water for sampling.  
\_\_\_\_\_

# WEAVER CONSULTANTS GROUP, NORTH CENTRAL, LLC.

35 East Wacker Drive, Suite 1250

Chicago, IL 60601

## Groundwater Sampling Field Form

Date: 5/3/2017

Permit #:

Site: 4613, 4699, and 4719 West Lake Street

Location: Franklin Park, IL

Project # 3896-300-01-03b

Name of Person(s) Sampling: Colin Pannier Title: Staff Geologist

Monitoring Well: LS-GW-TW-04 Well Gradient: N/A

Top of the Procover: N/A MSL Top of PVC: N/A MSL Ground Surface: N/A MSL

GW Depth (bgs): 4.16 FT N/A MSL Total Well Depth: 14.91 FT N/A MSL

Water Volume in Casing: 0.5 Gal Well Diameter (in.): 1

Total Volume Purged: 0.25 Gallons Well Bailed Dry? N (Y/N)

Purge Equipment: Peristaltic Geopump

Field Meters Hanna pH/ORP Meter

Field Equipment Water Level Meter

Liquinox Bath

Sample Appearance: Clear/slightly cloudy

Sampling Time: 1230

Field Measurements*:	#1	#2	#3	#4	#5	#6	#7	
pH	-	-	-					std. units
SC	-	-	-					umhos/cm
Temp	-	-	-					°C
DO	-	-	-					mg/L
ORP	-	-	-					mV
Time	-	-	-					---

Well Recharge: (Poor ----Fair-----Very Good) Poor to fair

Weather Conditions:

N/A -  
Skies indoors Temp 55 deg F Wind: N/A - indoors  
Precipitation: N/A - indoors

Notes / Observations: \*Measurements not taken due to low recharge rate. Additionally, a low volume was purged to conserve water for sampling.

Extra volume collected for MS/MSD

# WEAVER CONSULTANTS GROUP, NORTH CENTRAL, LLC.

35 East Wacker Drive, Suite 1250

Chicago, IL 60601

## Groundwater Sampling Field Form

Date: 5/2/2017

Permit #:

Site: 4613, 4699, and 4719 West Lake Street

Location: Franklin Park, IL

Project # 3896-300-01-03b

Name of Person(s) Sampling: Colin Pannier Title: Staff Geologist

Monitoring Well: LS-GW-TW-05 Well Gradient: N/A

Top of the Procover: N/A MSL Top of PVC: N/A MSL Ground Surface: N/A MSL

GW Depth (bgs): 4.76 FT N/A MSL Total Well Depth: 14.88 FT N/A MSL

Water Volume in Casing: 0.5 Gal Well Diameter (in.): 1

Total Volume Purged: 2 Gallons Well Bailed Dry? N (Y/N)

Purge Equipment: Peristaltic Geopump

Field Meters Hanna pH/ORP Meter

Field Equipment Water Level Meter Liquinox Bath

Sample Appearance: Cloudy

Sampling Time: 1415

Field Measurements:	#1	#2	#3	#4	#5	#6	#7	
pH	7.10	6.79	6.68					std. units
SC	-	-	-					umhos/cm
Temp	11.2	11.2	11.1					°C
DO	-	-	-					mg/L
ORP	-133	-105	-93					mV
Time	1355	1400	1405					---

Well Recharge: (Poor ----Fair-----Very Good) Fair

Weather Conditions:

Skies Cloudy Temp 50 deg F Wind: 5-10 MPH  
Precipitation: Occasional Showers

Notes / Observations:

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# WEAVER CONSULTANTS GROUP, NORTH CENTRAL, LLC.

35 East Wacker Drive, Suite 1250

Chicago, IL 60601

## Groundwater Sampling Field Form

Date: 5/3/2017

Site: <u>4613, 4699, and 4719 West Lake Street</u>	Permit #: _____							
Project # <u>3896-300-01-03b</u>								
Name of Person(s) Sampling: <u>Colin Pannier</u> Title: <u>Staff Geologist</u>								
Monitoring Well: <u>LS-GW-TW-06</u>	Well Gradient: <u>N/A</u>							
Top of the Procover: <u>N/A</u> MSL	Top of PVC: <u>N/A</u> MSL	Ground Surface: <u>N/A</u> MSL						
GW Depth (bgs): <u>0.10</u> FT	<u>N/A</u> MSL	Total Well Depth: <u>14.90</u> FT	<u>N/A</u> MSL					
Water Volume in Casing: <u>0.7</u> Gal	Well Diameter (in.): <u>1</u>							
Total Volume Purged: <u>0.5</u> Gallons	Well Bailed Dry? <u>N</u> (Y/N)							
Purge Equipment: <u>Peristaltic Geopump</u>								
Field Meters <u>Hanna pH/ORP Meter</u>								
Field Equipment <u>Water Level Meter</u>	<u>Liquinox Bath</u>							
Sample Appearance: <u>Cloudy</u>								
Sampling Time: <u>1447</u>								
Field Measurements*:	#1	#2	#3	#4	#5	#6	#7	
	-	-	-					std. units
	-	-	-					umhos/cm
	-	-	-					°C
	-	-	-					mg/L
	-	-	-					mV
	-	-	-					---
Well Recharge: (Poor ----Fair-----Very Good) <u>Good</u>								
Weather Conditions: N/A - Skies <u>Indoors</u> Temp <u>50</u> deg F Wind: <u>NA - Indoors</u> Precipitation: <u>N/A - Indoors</u>								
Notes / Observations: *Measurements not taken to conserve water for sampling, in case of low recharge.  <u>Duplicate sample collected at 1500</u>								

# WEAVER CONSULTANTS GROUP, NORTH CENTRAL, LLC.

35 East Wacker Drive, Suite 1250

Chicago, IL 60601

## Groundwater Sampling Field Form

Date: 5/3/2017

Permit #: \_\_\_\_\_

Site: 4613, 4699, and 4719 West Lake Street

Location: Franklin Park, IL

Project # 3896-300-01-03b

Name of Person(s) Sampling: Colin Pannier Title: Staff Geologist

Monitoring Well: LS-GW-TW-07 Well Gradient: N/A

Top of the Procover: N/A MSL Top of PVC: N/A MSL Ground Surface: N/A MSL

GW Depth (bgs): 1.11 FT N/A MSL Total Well Depth: 14.51 FT N/A MSL

Water Volume in Casing: 0.6 Gal Well Diameter (in.): 1

Total Volume Purged: 2 Gallons Well Bailed Dry? N (Y/N)

Purge Equipment: Peristaltic Geopump

Field Meters Hanna pH/ORP Meter

Field Equipment Water Level Meter Liquinox Bath

Sample Appearance: Cloudy and brown/tan. Black before purging.

Sampling Time: 1440

Field Measurements*:	#1	#2	#3	#4	#5	#6	#7	
pH	7.8	7.69	7.58					std. units
SC	-	-	-					umhos/cm
Temp	14.6	13.1	13.5					°C
DO	-	-	-					mg/L
ORP	-38	-46	-29					mV
Time	1430	1435	1439					---

Well Recharge: (Poor ----Fair-----Very Good) Very Good

Weather Conditions:

Skies Clear Temp 60 deg F Wind: ~5 MPH  
Precipitation: None

Notes / Observations:

\_\_\_\_\_

\_\_\_\_\_

**APPENDIX C**  
**LABORATORY ANALYTICAL RESULTS**

# **STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

May 18, 2017

Weaver Consultants Group  
1316 Bond St.  
Naperville, IL 60563  
Telephone: (630) 717-4848  
Fax: (630) 717-4850

Analytical Report for STAT Work Order: 17050094 Revision 1

RE: 3896-300-01-03B, Lake Street, Melrose Park

Dear Colin Pannier:

STAT Analysis received 26 samples for the referenced project on 5/2/2017 5:11:00 PM. The analytical results are presented in the following report.

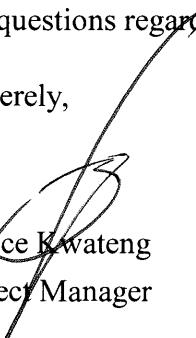
This report is revised to reflect additional analysis requested after the last report revision.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

  
Justice Kwateng  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.*

**STAT Analysis Corporation**

Date: May 18, 2017

**Client:** Weaver Consultants Group  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Work Order:** 17050094 Revision 1

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17050094-001A	LS-SB-GP-06 / 3-5'		5/2/2017 10:26:00 AM	5/2/2017
17050094-001B	LS-SB-GP-06 / 3-5'		5/2/2017 10:26:00 AM	5/2/2017
17050094-002A	LS-SB-GP-06 / 3-5 FD		5/2/2017 10:30:00 AM	5/2/2017
17050094-002B	LS-SB-GP-06 / 3-5 FD		5/2/2017 10:30:00 AM	5/2/2017
17050094-003A	LS-SB-GP-06 / 9-11'		5/2/2017 10:36:00 AM	5/2/2017
17050094-003B	LS-SB-GP-06 / 9-11'		5/2/2017 10:36:00 AM	5/2/2017
17050094-004A	LS-SB-GP-09 / 2-4'		5/2/2017 10:00:00 AM	5/2/2017
17050094-004B	LS-SB-GP-09 / 2-4'		5/2/2017 10:00:00 AM	5/2/2017
17050094-005A	LS-SB-GP-09 / 12-14'		5/2/2017 10:05:00 AM	5/2/2017
17050094-005B	LS-SB-GP-09 / 12-14'		5/2/2017 10:05:00 AM	5/2/2017
17050094-006A	LS-SB-GP-10 / 2-4'		5/2/2017 9:15:00 AM	5/2/2017
17050094-006B	LS-SB-GP-10 / 2-4'		5/2/2017 9:15:00 AM	5/2/2017
17050094-007A	LS-SB-GP-10 / 8-10'		5/2/2017 9:20:00 AM	5/2/2017
17050094-007B	LS-SB-GP-10 / 8-10'		5/2/2017 9:20:00 AM	5/2/2017
17050094-008A	LS-SB-GP-11 / 3-5'		5/2/2017 8:55:00 AM	5/2/2017
17050094-008B	LS-SB-GP-11 / 3-5'		5/2/2017 8:55:00 AM	5/2/2017
17050094-009A	LS-SB-GP-11 / 9-11'		5/2/2017 9:00:00 AM	5/2/2017
17050094-009B	LS-SB-GP-11 / 9-11'		5/2/2017 9:00:00 AM	5/2/2017
17050094-010A	LS-SB-GP-12 / 1-3'		5/2/2017 12:05:00 PM	5/2/2017
17050094-010B	LS-SB-GP-12 / 1-3'		5/2/2017 12:05:00 PM	5/2/2017
17050094-011A	LS-SB-GP-12 / 11-13'		5/2/2017 12:07:00 PM	5/2/2017
17050094-011B	LS-SB-GP-12 / 11-13'		5/2/2017 12:07:00 PM	5/2/2017
17050094-012A	LS-SB-GP-13 / 2-4'		5/2/2017 12:47:00 PM	5/2/2017
17050094-012B	LS-SB-GP-13 / 2-4'		5/2/2017 12:47:00 PM	5/2/2017
17050094-013A	LS-SB-GP-13 / 13-15'		5/2/2017 12:49:00 PM	5/2/2017
17050094-013B	LS-SB-GP-13 / 13-15'		5/2/2017 12:49:00 PM	5/2/2017
17050094-014A	LS-SB-GP-14 / 1-3'		5/2/2017 12:24:00 PM	5/2/2017
17050094-014B	LS-SB-GP-14 / 1-3'		5/2/2017 12:24:00 PM	5/2/2017
17050094-015A	LS-SB-GP-14 / 12-14'		5/2/2017 12:27:00 PM	5/2/2017
17050094-015B	LS-SB-GP-14 / 12-14'		5/2/2017 12:27:00 PM	5/2/2017
17050094-016A	LS-SB-GP-15 / 3-5'		5/2/2017 11:43:00 AM	5/2/2017
17050094-016B	LS-SB-GP-15 / 3-5'		5/2/2017 11:43:00 AM	5/2/2017
17050094-017A	LS-SB-GP-15 / 14-16'		5/2/2017 11:45:00 AM	5/2/2017
17050094-017B	LS-SB-GP-15 / 14-16'		5/2/2017 11:45:00 AM	5/2/2017
17050094-018A	LS-SB-GP-16 / 4-6'		5/2/2017 11:10:00 AM	5/2/2017
17050094-018B	LS-SB-GP-16 / 4-6'		5/2/2017 11:10:00 AM	5/2/2017
17050094-019A	LS-SB-GP-16 / 8-10'		5/2/2017 11:15:00 AM	5/2/2017
17050094-019B	LS-SB-GP-16 / 8-10'		5/2/2017 11:15:00 AM	5/2/2017

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**Client:** Weaver Consultants Group  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Work Order:** 17050094 Revision 1

## **Work Order Sample Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Tag Number</b>	<b>Collection Date</b>	<b>Date Received</b>
17050094-020A	LS-SB-GP-18 / 4-6'		5/2/2017 1:10:00 PM	5/2/2017
17050094-020B	LS-SB-GP-18 / 4-6'		5/2/2017 1:10:00 PM	5/2/2017
17050094-021A	LS-SB-GP-18 / 12-14'		5/2/2017 1:12:00 PM	5/2/2017
17050094-021B	LS-SB-GP-18 / 12-14'		5/2/2017 1:12:00 PM	5/2/2017
17050094-022A	LS-SB-GP-20 / 4-6'		5/2/2017 1:57:00 PM	5/2/2017
17050094-022B	LS-SB-GP-20 / 4-6'		5/2/2017 1:57:00 PM	5/2/2017
17050094-023A	LS-SB-GP-20 / 13-15'		5/2/2017 2:04:00 PM	5/2/2017
17050094-023B	LS-SB-GP-20 / 13-15'		5/2/2017 2:04:00 PM	5/2/2017
17050094-024A	LS-GW-TW-05		5/2/2017 2:15:00 PM	5/2/2017
17050094-024B	LS-GW-TW-05		5/2/2017 2:15:00 PM	5/2/2017
17050094-024C	LS-GW-TW-05		5/2/2017 2:15:00 PM	5/2/2017
17050094-024D	LS-GW-TW-05		5/2/2017 2:15:00 PM	5/2/2017
17050094-025A	LS-GW-TW-06		5/2/2017 2:47:00 PM	5/2/2017
17050094-025B	LS-GW-TW-06		5/2/2017 2:47:00 PM	5/2/2017
17050094-025C	LS-GW-TW-06		5/2/2017 2:47:00 PM	5/2/2017
17050094-025D	LS-GW-TW-06		5/2/2017 2:47:00 PM	5/2/2017
17050094-026A	LS-GW-TW-06 FD		5/2/2017 3:00:00 PM	5/2/2017
17050094-026B	LS-GW-TW-06 FD		5/2/2017 3:00:00 PM	5/2/2017
17050094-026C	LS-GW-TW-06 FD		5/2/2017 3:00:00 PM	5/2/2017
17050094-026D	LS-GW-TW-06 FD		5/2/2017 3:00:00 PM	5/2/2017

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**CLIENT:** Weaver Consultants Group  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Work Order:** 17050094 Revision 1

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**CASE NARRATIVE**

Please refer to Analytical QC Summary Report for QC outliers.

Sample LS-SB-GP-12 / 1-3' (17050094-010) had Acetone reported with an "E" flag (Value above quantitation range). The medium level dilution was below the reporting level. The detected value is reported.

For sample LS-SB-GP-16 / 4-6' (17050094-018), the Organic Carbon Content result was obtained by multiplying the Organic Matter result by the 0.58 correction factor as specified in Title 35 IAC 742.215.

**STAT Analysis Corporation**

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-001

**Client Sample ID:** LS-SB-GP-06 / 3-5'**Collection Date:** 5/2/2017 10:26:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.067		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0045		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0045		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0089		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.067		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.045		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0089		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0045		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0089		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0089		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0045		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-001

**Client Sample ID:** LS-SB-GP-06 / 3-5'**Collection Date:** 5/2/2017 10:26:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.38		mg/Kg-dry	1	5/8/2017
Anthracene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	0.13	0.038		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.38		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	0.14	0.038		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	0.15	0.038		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	0.12	0.038		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	0.11	0.038		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	0.16	0.038		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-06 / 3-5'
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 10:26:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050094-001		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.26	0.038		mg/Kg-dry	1	5/8/2017
Fluorene	ND	0.038		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	0.097	0.038		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	5/8/2017
Phenanthrene	0.15	0.038		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	0.24	0.038		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.77		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.091		mg/Kg-dry	1	5/4/2017
Aroclor 1221	ND	0.091		mg/Kg-dry	1	5/4/2017
Aroclor 1232	ND	0.091		mg/Kg-dry	1	5/4/2017
Aroclor 1242	ND	0.091		mg/Kg-dry	1	5/4/2017
Aroclor 1248	ND	0.091		mg/Kg-dry	1	5/4/2017
Aroclor 1254	ND	0.091		mg/Kg-dry	1	5/4/2017
Aroclor 1260	ND	0.091		mg/Kg-dry	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-06 / 3-5'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 10:26:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-001					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>					
TPH (GRO)	ND	23		mg/Kg-dry	1	5/10/2017
TPH (DRO)	41	23		mg/Kg-dry	1	5/10/2017
TPH (ERO)	45	23	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					
Arsenic	14	1.0		mg/Kg-dry	10	5/8/2017
Barium	280	1.0		mg/Kg-dry	10	5/8/2017
Cadmium	5.0	0.52		mg/Kg-dry	10	5/8/2017
Chromium	32	1.0		mg/Kg-dry	10	5/8/2017
Lead	470	0.52		mg/Kg-dry	10	5/8/2017
Selenium	1.0	1.0		mg/Kg-dry	10	5/8/2017
Silver	ND	1.0		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>					
Mercury	1.7	0.11		mg/Kg-dry	5	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>					
pH	11.1			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>					
Percent Moisture	13.2	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-002

**Client Sample ID:** LS-SB-GP-06 / 3-5 FD  
**Collection Date:** 5/2/2017 10:30:00 AM  
**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.069		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0092		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0092		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0092		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0092		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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HT - Sample received past holding time

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-002

**Client Sample ID:** LS-SB-GP-06 / 3-5 FD  
**Collection Date:** 5/2/2017 10:30:00 AM  
**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.39		mg/Kg-dry	1	5/8/2017
Anthracene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.39		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.97		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.97		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	ND	0.039		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.97		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-06 / 3-5 FD
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 10:30:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050094-002		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Fluorene	ND	0.039		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	5/8/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.78		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.093		mg/Kg-dry	1	5/4/2017
Aroclor 1221	ND	0.093		mg/Kg-dry	1	5/4/2017
Aroclor 1232	ND	0.093		mg/Kg-dry	1	5/4/2017
Aroclor 1242	ND	0.093		mg/Kg-dry	1	5/4/2017
Aroclor 1248	ND	0.093		mg/Kg-dry	1	5/4/2017
Aroclor 1254	ND	0.093		mg/Kg-dry	1	5/4/2017
Aroclor 1260	ND	0.093		mg/Kg-dry	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-06 / 3-5 FD
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 10:30:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050094-002		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>		<b>SW8015M (SW3580A)</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>GVC</b>
TPH (GRO)	ND	23		mg/Kg-dry	1	5/10/2017
TPH (DRO)	ND	23		mg/Kg-dry	1	5/10/2017
TPH (ERO)	ND	23	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>		<b>SW6020 (SW3050B)</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>JG</b>
Arsenic	6.6	1.0		mg/Kg-dry	10	5/8/2017
Barium	85	1.0		mg/Kg-dry	10	5/8/2017
Cadmium	ND	0.52		mg/Kg-dry	10	5/8/2017
Chromium	24	1.0		mg/Kg-dry	10	5/8/2017
Lead	14	0.52		mg/Kg-dry	10	5/8/2017
Selenium	ND	1.0		mg/Kg-dry	10	5/8/2017
Silver	ND	1.0		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>		<b>SW7471A</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>LB</b>
Mercury	0.044	0.022		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>		<b>SW9045C</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>RW</b>
pH	8.44			pH Units	1	5/8/2017
<b>Percent Moisture</b>		<b>D2974</b>		Prep Date: <b>5/4/2017</b>		Analyst: <b>RW</b>
Percent Moisture	14.8	0.2	*	wt%	1	5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

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S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

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H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-09 / 2-4'
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 10:00:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050094-004		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.073		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.073		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0097		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	0.72	0.039		mg/Kg-dry	1	5/8/2017
Acenaphthylene	0.040	0.039		mg/Kg-dry	1	5/8/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-004

**Client Sample ID:** LS-SB-GP-09 / 2-4'**Collection Date:** 5/2/2017 10:00:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.40		mg/Kg-dry	1	5/8/2017
Anthracene	1.8	0.039		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	3.3	0.039		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.39		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	3.1	0.039		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	2.7	0.039		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	1.7	0.039		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	2.4	0.039		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	0.68	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	3.4	0.039		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	0.92	0.039		mg/Kg-dry	1	5/8/2017
Dibenzofuran	0.38	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group      **Client Sample ID:** LS-SB-GP-09 / 2-4'  
**Work Order:** 17050094 Revision 1      **Collection Date:** 5/2/2017 10:00:00 AM  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park      **Matrix:** Soil  
**Lab ID:** 17050094-004

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	7.4	0.20		mg/Kg-dry	5	5/9/2017
Fluorene	0.75	0.039		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	1.5	0.039		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	0.13	0.039		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	5/8/2017
Phenanthrene	6.5	0.20		mg/Kg-dry	5	5/9/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	6.2	0.20		mg/Kg-dry	5	5/9/2017
Pyridine	ND	0.80		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1221	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1232	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1242	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1248	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1254	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1260	ND	0.096		mg/Kg-dry	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-09 / 2-4'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 10:00:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-004					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>					
TPH (GRO)	ND	23		mg/Kg-dry	1	5/10/2017
TPH (DRO)	67	23		mg/Kg-dry	1	5/10/2017
TPH (ERO)	130	23	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					
Arsenic	18	1.0		mg/Kg-dry	10	5/8/2017
Barium	190	1.0		mg/Kg-dry	10	5/8/2017
Cadmium	2.2	0.51		mg/Kg-dry	10	5/8/2017
Chromium	33	1.0		mg/Kg-dry	10	5/8/2017
Lead	1300	0.51		mg/Kg-dry	10	5/8/2017
Selenium	1.0	1.0		mg/Kg-dry	10	5/8/2017
Silver	ND	1.0		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>					
Mercury	0.51	0.023		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>					
pH	8.22			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>					
Percent Moisture	16.7	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
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RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-006

**Client Sample ID:** LS-SB-GP-10 / 2-4'**Collection Date:** 5/2/2017 9:15:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.073		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0098		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.073		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0098		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0098		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.020		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0098		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-006

**Client Sample ID:** LS-SB-GP-10 / 2-4'**Collection Date:** 5/2/2017 9:15:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.40		mg/Kg-dry	1	5/8/2017
Anthracene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	0.13	0.040		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.40		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	0.16	0.040		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	0.15	0.040		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	0.15	0.040		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	0.13	0.040		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.21		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.21		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/8/2017
Chrysene	0.15	0.040		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	0.058	0.040		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group      **Client Sample ID:** LS-SB-GP-10 / 2-4'  
**Work Order:** 17050094 Revision 1      **Collection Date:** 5/2/2017 9:15:00 AM  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park      **Matrix:** Soil  
**Lab ID:** 17050094-006

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.29	0.040		mg/Kg-dry	1	5/8/2017
Fluorene	ND	0.040		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	0.11	0.040		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.21		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	5/8/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.081		mg/Kg-dry	1	5/8/2017
Phenanthrene	0.13	0.040		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.21		mg/Kg-dry	1	5/8/2017
Pyrene	0.25	0.040		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.81		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1221	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1232	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1242	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1248	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1254	ND	0.096		mg/Kg-dry	1	5/4/2017
Aroclor 1260	ND	0.096		mg/Kg-dry	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-10 / 2-4'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 9:15:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-006					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (DRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (ERO)	ND	23	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	15	1.1		mg/Kg-dry	10	5/8/2017
Barium	200	1.1		mg/Kg-dry	10	5/8/2017
Cadmium	4.3	0.53		mg/Kg-dry	10	5/8/2017
Chromium	41	1.1		mg/Kg-dry	10	5/8/2017
Lead	420	0.53		mg/Kg-dry	10	5/8/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/8/2017
Silver	ND	1.1		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.035	0.022		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	10.1			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	17.9	0.2	*	wt%	1	5/5/2017

ND - Not Detected at the Reporting Limit

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HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-008

**Client Sample ID:** LS-SB-GP-11 / 3-5'**Collection Date:** 5/2/2017 8:55:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	0.080	0.073		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.073		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0097		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.015		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	0.049	0.039		mg/Kg-dry	1	5/8/2017
Acenaphthylene	0.075	0.039		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-008

**Client Sample ID:** LS-SB-GP-11 / 3-5'**Collection Date:** 5/2/2017 8:55:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.40		mg/Kg-dry	1	5/8/2017
Anthracene	0.17	0.039		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	0.69	0.039		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.39		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	0.83	0.039		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	0.85	0.039		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	0.71	0.039		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	0.71	0.039		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	0.33	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	0.81	0.039		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	0.29	0.039		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-008

**Client Sample ID:** LS-SB-GP-11 / 3-5'**Collection Date:** 5/2/2017 8:55:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	1.2	0.039		mg/Kg-dry	1	5/8/2017
Fluorene	0.056	0.039		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	0.56	0.039		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	0.064	0.039		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	5/8/2017
Phenanthrene	0.53	0.039		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	1.0	0.039		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.80		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1242	6.4	0.94		mg/Kg-dry	10	5/8/2017
Aroclor 1248	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.94		mg/Kg-dry	10	5/8/2017

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RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-11 / 3-5'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 8:55:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-008					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (DRO)	74	23		mg/Kg-dry	1	5/9/2017
TPH (ERO)	750	23	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	16	1.0		mg/Kg-dry	10	5/8/2017
Barium	300	1.0		mg/Kg-dry	10	5/8/2017
Cadmium	14	0.52		mg/Kg-dry	10	5/8/2017
Chromium	41	1.0		mg/Kg-dry	10	5/8/2017
Lead	1000	0.52		mg/Kg-dry	10	5/8/2017
Selenium	1.2	1.0		mg/Kg-dry	10	5/8/2017
Silver	1.2	1.0		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	5.5	0.42		mg/Kg-dry	20	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	8.07			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	16.4	0.2	*	wt%	1	5/5/2017

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-010

**Client Sample ID:** LS-SB-GP-12 / 1-3'**Collection Date:** 5/2/2017 12:05:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW5035/8260B</b>			<b>Prep Date: 5/3/2017</b>	<b>Analyst: PS</b>
Acetone	0.97	0.083	E	mg/Kg-dry	1	5/10/2017
Benzene	0.15	0.0056		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0056		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	5/10/2017
2-Butanone	0.35	0.083		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.056		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0056		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0056		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0056		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0056		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0056		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0056		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/10/2017
Ethylbenzene	0.85	0.25		mg/Kg-dry	50	5/11/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0056		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0056		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0056		mg/Kg-dry	1	5/10/2017
Toluene	1.9	0.25		mg/Kg-dry	50	5/11/2017
1,1,1-Trichloroethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0056		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0056		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0056		mg/Kg-dry	1	5/10/2017
Xylenes, Total	5.7	0.74		mg/Kg-dry	50	5/11/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>			<b>Prep Date: 5/6/2017</b>	<b>Analyst: DM</b>
Acenaphthene	0.064	0.036		mg/Kg-dry	1	5/8/2017
Acenaphthylene	0.045	0.036		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-010

**Client Sample ID:** LS-SB-GP-12 / 1-3'**Collection Date:** 5/2/2017 12:05:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.36		mg/Kg-dry	1	5/8/2017
Anthracene	0.48	0.036		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	1.6	0.036		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.36		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	1.8	0.036		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	1.8	0.036		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	1.3	0.036		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	1.3	0.036		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.91		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.91		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.19		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/8/2017
Chrysene	1.8	0.036		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	0.53	0.036		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.36		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.91		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.036		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017

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HT - Sample received past holding time

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-010

**Client Sample ID:** LS-SB-GP-12 / 1-3'**Collection Date:** 5/2/2017 12:05:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	2.9	0.036		mg/Kg-dry	1	5/8/2017
Fluorene	0.10	0.036		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	1.1	0.036		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.19		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	0.74	0.19		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Naphthalene	0.56	0.036		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.36		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.036		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.036		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.073		mg/Kg-dry	1	5/8/2017
Phenanthrene	1.1	0.036		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Pyrene	2.4	0.036		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.73		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.088		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.088		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.088		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.088		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.088		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.088		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.088		mg/Kg-dry	1	5/5/2017

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-12 / 1-3'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 12:05:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-010					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	970	21		mg/Kg-dry	1	5/9/2017
TPH (DRO)	740	21		mg/Kg-dry	1	5/9/2017
TPH (ERO)	2900	21	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	16	0.93		mg/Kg-dry	10	5/8/2017
Barium	240	0.93		mg/Kg-dry	10	5/8/2017
Cadmium	3.0	0.47		mg/Kg-dry	10	5/8/2017
Chromium	32	0.93		mg/Kg-dry	10	5/8/2017
Lead	280	0.47		mg/Kg-dry	10	5/8/2017
Selenium	1.2	0.93		mg/Kg-dry	10	5/8/2017
Silver	ND	0.93		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.12	0.020		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	9.17			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	8.8	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
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 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-012

**Client Sample ID:** LS-SB-GP-13 / 2-4'**Collection Date:** 5/2/2017 12:47:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.073		mg/Kg-dry	1	5/10/2017
Benzene	0.12	0.0049		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.073		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.049		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0049		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0097		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
Ethylbenzene	0.090	0.0049		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0097		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0049		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	5/10/2017
Xylenes, Total	0.031	0.015		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	0.060	0.038		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

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Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-012

**Client Sample ID:** LS-SB-GP-13 / 2-4'**Collection Date:** 5/2/2017 12:47:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.38		mg/Kg-dry	1	5/8/2017
Anthracene	0.11	0.038		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	0.21	0.038		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.38		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	0.18	0.038		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	0.19	0.038		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	0.18	0.038		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	0.19	0.038		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	4.0	0.96		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	0.25	0.038		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	0.22	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

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R - RPD outside accepted recovery limits

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-012

**Client Sample ID:** LS-SB-GP-13 / 2-4'**Collection Date:** 5/2/2017 12:47:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.41	0.038		mg/Kg-dry	1	5/8/2017
Fluorene	0.085	0.038		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	0.12	0.038		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	0.62	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	0.31	0.038		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	5/8/2017
Phenanthrene	0.40	0.038		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	0.43	0.038		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.77		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.093		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.093		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.093		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.093		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.093		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.093		mg/Kg-dry	1	5/5/2017
Aroclor 1260	1.7	0.93		mg/Kg-dry	10	5/8/2017

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-13 / 2-4'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 12:47:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-012					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	140	22		mg/Kg-dry	1	5/9/2017
TPH (DRO)	320	22		mg/Kg-dry	1	5/9/2017
TPH (ERO)	2100	22	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	10	1.0		mg/Kg-dry	10	5/8/2017
Barium	100	1.0		mg/Kg-dry	10	5/8/2017
Cadmium	1.7	0.51		mg/Kg-dry	10	5/8/2017
Chromium	34	1.0		mg/Kg-dry	10	5/8/2017
Lead	160	0.51		mg/Kg-dry	10	5/8/2017
Selenium	ND	1.0		mg/Kg-dry	10	5/8/2017
Silver	ND	1.0		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.091	0.022		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	8.49			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	14.2	0.2	*	wt%	1	5/5/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-014

**Client Sample ID:** LS-SB-GP-14 / 1-3'**Collection Date:** 5/2/2017 12:24:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	0.42	0.083		mg/Kg-dry	1	5/10/2017
Benzene	0.98	0.55		mg/Kg-dry	100	5/11/2017
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0055		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	5/10/2017
2-Butanone	0.31	0.083		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.055		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0055		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/10/2017
Ethylbenzene	12	0.55		mg/Kg-dry	100	5/11/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
Toluene	28	0.55		mg/Kg-dry	100	5/11/2017
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	5/10/2017
Xylenes, Total	68	1.7		mg/Kg-dry	100	5/11/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	0.059	0.038		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	5/8/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-014

**Client Sample ID:** LS-SB-GP-14 / 1-3'**Collection Date:** 5/2/2017 12:24:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.38		mg/Kg-dry	1	5/8/2017
Anthracene	0.16	0.038		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	0.52	0.038		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.38		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	0.60	0.038		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	0.61	0.038		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	0.48	0.038		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	0.51	0.038		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	1.0	0.95		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	0.20	0.19		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.19		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/8/2017
Chrysene	0.59	0.038		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	0.21	0.038		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	5/8/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-014

**Client Sample ID:** LS-SB-GP-14 / 1-3'**Collection Date:** 5/2/2017 12:24:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	1.2	0.038		mg/Kg-dry	1	5/8/2017
Fluorene	0.077	0.038		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	0.40	0.038		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.19		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	0.91	0.19		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Naphthalene	0.36	0.038		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.076		mg/Kg-dry	1	5/8/2017
Phenanthrene	0.65	0.038		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.19		mg/Kg-dry	1	5/8/2017
Pyrene	1.0	0.038		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.76		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.091		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.091		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.091		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.091		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.091		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.091		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.091		mg/Kg-dry	1	5/5/2017

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-14 / 1-3'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 12:24:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-014					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	130	23		mg/Kg-dry	1	5/9/2017
TPH (DRO)	430	23		mg/Kg-dry	1	5/9/2017
TPH (ERO)	2400	23	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	6.4	0.99		mg/Kg-dry	10	5/8/2017
Barium	110	0.99		mg/Kg-dry	10	5/8/2017
Cadmium	1.3	0.50		mg/Kg-dry	10	5/8/2017
Chromium	38	0.99		mg/Kg-dry	10	5/8/2017
Lead	160	0.50		mg/Kg-dry	10	5/8/2017
Selenium	ND	0.99		mg/Kg-dry	10	5/8/2017
Silver	ND	0.99		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.34	0.020		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	7.93			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	12.6	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-016

**Client Sample ID:** LS-SB-GP-15 / 3-5'**Collection Date:** 5/2/2017 11:43:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	0.088	0.081		mg/Kg-dry	1	5/11/2017
Benzene	ND	0.0054		mg/Kg-dry	1	5/11/2017
Bromodichloromethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
Bromoform	ND	0.0054		mg/Kg-dry	1	5/11/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	5/11/2017
2-Butanone	ND	0.081		mg/Kg-dry	1	5/11/2017
Carbon disulfide	ND	0.054		mg/Kg-dry	1	5/11/2017
Carbon tetrachloride	ND	0.0054		mg/Kg-dry	1	5/11/2017
Chlorobenzene	ND	0.0054		mg/Kg-dry	1	5/11/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	5/11/2017
Chloroform	ND	0.0054		mg/Kg-dry	1	5/11/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	5/11/2017
Dibromochloromethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,1-Dichloroethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,2-Dichloroethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,1-Dichloroethene	ND	0.0054		mg/Kg-dry	1	5/11/2017
cis-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	5/11/2017
trans-1,2-Dichloroethene	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,2-Dichloropropane	ND	0.0054		mg/Kg-dry	1	5/11/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/11/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/11/2017
Ethylbenzene	ND	0.0054		mg/Kg-dry	1	5/11/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	5/11/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	5/11/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	5/11/2017
Methyl tert-butyl ether	ND	0.0054		mg/Kg-dry	1	5/11/2017
Styrene	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,1,2,2-Tetrachloroethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
Tetrachloroethene	ND	0.0054		mg/Kg-dry	1	5/11/2017
Toluene	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,1,1-Trichloroethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
1,1,2-Trichloroethane	ND	0.0054		mg/Kg-dry	1	5/11/2017
Trichloroethene	ND	0.0054		mg/Kg-dry	1	5/11/2017
Vinyl chloride	ND	0.0054		mg/Kg-dry	1	5/11/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	5/11/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	0.97	0.035		mg/Kg-dry	1	5/8/2017
Acenaphthylene	0.065	0.035		mg/Kg-dry	1	5/8/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-016

**Client Sample ID:** LS-SB-GP-15 / 3-5'**Collection Date:** 5/2/2017 11:43:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.35		mg/Kg-dry	1	5/8/2017
Anthracene	1.8	0.035		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	4.2	0.035		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.35		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	4.4	0.35		mg/Kg-dry	10	5/9/2017
Benzo(b)fluoranthene	4.3	0.035		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	3.2	0.035		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	3.8	0.035		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.87		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.87		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	5/8/2017
Carbazole	0.32	0.18		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.35		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.18		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	5/8/2017
Chrysene	4.3	0.035		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	1.3	0.035		mg/Kg-dry	1	5/8/2017
Dibenzofuran	0.43	0.18		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.35		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.87		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.035		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.035		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	5/8/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-15 / 3-5'
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 11:43:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050094-016		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	12	0.35		mg/Kg-dry	10	5/9/2017
Fluorene	0.77	0.035		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	2.8	0.035		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.18		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	5/8/2017
Naphthalene	0.15	0.035		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.35		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.035		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.035		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.070		mg/Kg-dry	1	5/8/2017
Phenanthrene	5.1	0.35		mg/Kg-dry	10	5/9/2017
Phenol	ND	0.18		mg/Kg-dry	1	5/8/2017
Pyrene	11	0.35		mg/Kg-dry	10	5/9/2017
Pyridine	ND	0.70		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.084		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.084		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.084		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.084		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.084		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.084		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.084		mg/Kg-dry	1	5/5/2017

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-15 / 3-5'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 11:43:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-016					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	23	21		mg/Kg-dry	1	5/9/2017
TPH (DRO)	290	21		mg/Kg-dry	1	5/9/2017
TPH (ERO)	1100	21	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	11	0.92		mg/Kg-dry	10	5/8/2017
Barium	86	0.92		mg/Kg-dry	10	5/8/2017
Cadmium	0.81	0.46		mg/Kg-dry	10	5/8/2017
Chromium	14	0.92		mg/Kg-dry	10	5/8/2017
Lead	120	0.46		mg/Kg-dry	10	5/8/2017
Selenium	0.97	0.92		mg/Kg-dry	10	5/8/2017
Silver	1.1	0.92		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.058	0.019		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	9.26			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	5.4	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
ND - Not Detected at the Reporting Limit  
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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-018

**Client Sample ID:** LS-SB-GP-16 / 4-6'**Collection Date:** 5/2/2017 11:10:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.070		mg/Kg-dry	1	5/11/2017
Benzene	ND	0.0047		mg/Kg-dry	1	5/11/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	5/11/2017
Bromomethane	ND	0.0094		mg/Kg-dry	1	5/11/2017
2-Butanone	ND	0.070		mg/Kg-dry	1	5/11/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	5/11/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	5/11/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	5/11/2017
Chloroethane	ND	0.0094		mg/Kg-dry	1	5/11/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	5/11/2017
Chloromethane	ND	0.0094		mg/Kg-dry	1	5/11/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	5/11/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	5/11/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	5/11/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/11/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/11/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	5/11/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	5/11/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	5/11/2017
Methylene chloride	ND	0.0094		mg/Kg-dry	1	5/11/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	5/11/2017
Styrene	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	5/11/2017
Toluene	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	5/11/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	5/11/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	5/11/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	5/11/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-018

**Client Sample ID:** LS-SB-GP-16 / 4-6'**Collection Date:** 5/2/2017 11:10:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.40		mg/Kg-dry	1	5/8/2017
Anthracene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.40		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.99		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.99		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	ND	0.040		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.99		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-16 / 4-6'
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 11:10:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050094-018		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.040		mg/Kg-dry	1	5/8/2017
Fluorene	ND	0.040		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.080		mg/Kg-dry	1	5/8/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	ND	0.040		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.80		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.096		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.096		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.096		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.096		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.096		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.096		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.096		mg/Kg-dry	1	5/5/2017

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HT - Sample received past holding time

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-16 / 4-6'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 11:10:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-018					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>					
TPH (GRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (DRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (ERO)	ND	23	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					
Arsenic	9.5	1.1		mg/Kg-dry	10	5/8/2017
Barium	39	1.1		mg/Kg-dry	10	5/8/2017
Cadmium	ND	0.55		mg/Kg-dry	10	5/8/2017
Chromium	15	1.1		mg/Kg-dry	10	5/8/2017
Lead	19	0.55		mg/Kg-dry	10	5/8/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/8/2017
Silver	ND	1.1		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>					
Mercury	0.051	0.022		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>					
pH	8.41			pH Units	1	5/8/2017
<b>Organic Matter / Carbon</b>	<b>D2974</b>					
Organic Carbon Content	2.24	0.01	*	wt%	1	5/16/2017
Organic Matter	3.86	0.01	*	wt%	1	5/16/2017
<b>Percent Moisture</b>	<b>D2974</b>					
Percent Moisture	17.1	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
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 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-020

**Client Sample ID:** LS-SB-GP-18 / 4-6'  
**Collection Date:** 5/2/2017 1:10:00 PM  
**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.066		mg/Kg-dry	1	5/11/2017
Benzene	ND	0.0044		mg/Kg-dry	1	5/11/2017
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
Bromoform	ND	0.0044		mg/Kg-dry	1	5/11/2017
Bromomethane	ND	0.0087		mg/Kg-dry	1	5/11/2017
2-Butanone	ND	0.066		mg/Kg-dry	1	5/11/2017
Carbon disulfide	ND	0.044		mg/Kg-dry	1	5/11/2017
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	5/11/2017
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	5/11/2017
Chloroethane	ND	0.0087		mg/Kg-dry	1	5/11/2017
Chloroform	ND	0.0044		mg/Kg-dry	1	5/11/2017
Chloromethane	ND	0.0087		mg/Kg-dry	1	5/11/2017
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	5/11/2017
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	5/11/2017
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	5/11/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	5/11/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	5/11/2017
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	5/11/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	5/11/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	5/11/2017
Methylene chloride	ND	0.0087		mg/Kg-dry	1	5/11/2017
Methyl tert-butyl ether	0.0058	0.0044		mg/Kg-dry	1	5/11/2017
Styrene	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	5/11/2017
Toluene	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	5/11/2017
Trichloroethene	ND	0.0044		mg/Kg-dry	1	5/11/2017
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	5/11/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	5/11/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-020

**Client Sample ID:** LS-SB-GP-18 / 4-6'**Collection Date:** 5/2/2017 1:10:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.38		mg/Kg-dry	1	5/8/2017
Anthracene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.38		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.95		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.95		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	ND	0.038		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.95		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-020

**Client Sample ID:** LS-SB-GP-18 / 4-6'**Collection Date:** 5/2/2017 1:10:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.038		mg/Kg-dry	1	5/8/2017
Fluorene	ND	0.038		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.077		mg/Kg-dry	1	5/8/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	ND	0.038		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.77		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.092		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.092		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.092		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.092		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.092		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.092		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.092		mg/Kg-dry	1	5/5/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-18 / 4-6'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 1:10:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-020					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	22		mg/Kg-dry	1	5/9/2017
TPH (DRO)	ND	22		mg/Kg-dry	1	5/9/2017
TPH (ERO)	ND	22	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	19	1.0		mg/Kg-dry	10	5/8/2017
Barium	48	1.0		mg/Kg-dry	10	5/8/2017
Cadmium	0.55	0.51		mg/Kg-dry	10	5/8/2017
Chromium	15	1.0		mg/Kg-dry	10	5/8/2017
Lead	22	0.51		mg/Kg-dry	10	5/8/2017
Selenium	ND	1.0		mg/Kg-dry	10	5/8/2017
Silver	ND	1.0		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.045	0.023		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	7.95			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	13.6	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-022

**Client Sample ID:** LS-SB-GP-20 / 4-6'**Collection Date:** 5/2/2017 1:57:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/3/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.079		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0053		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0053		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.079		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.053		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0053		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0053		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0053		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0053		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0053		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0021		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0053		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.021		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0053		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0053		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0053		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0053		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0053		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Acenaphthylene	ND	0.039		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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E - Value above quantitation range

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-022

**Client Sample ID:** LS-SB-GP-20 / 4-6'**Collection Date:** 5/2/2017 1:57:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/6/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.39		mg/Kg-dry	1	5/8/2017
Anthracene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzidine	ND	0.39		mg/Kg-dry	1	5/8/2017
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Benzoic acid	ND	0.98		mg/Kg-dry	1	5/8/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.98		mg/Kg-dry	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/8/2017
Chrysene	ND	0.039		mg/Kg-dry	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	5/8/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/8/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.39		mg/Kg-dry	1	5/8/2017
2,4-Dinitrophenol	ND	0.98		mg/Kg-dry	1	5/8/2017
2,4-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
2,6-Dinitrotoluene	ND	0.039		mg/Kg-dry	1	5/8/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/8/2017

ND - Not Detected at the Reporting Limit

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-022

**Client Sample ID:** LS-SB-GP-20 / 4-6'**Collection Date:** 5/2/2017 1:57:00 PM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.039		mg/Kg-dry	1	5/8/2017
Fluorene	ND	0.039		mg/Kg-dry	1	5/8/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/8/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Naphthalene	ND	0.039		mg/Kg-dry	1	5/8/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/8/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
4-Nitrophenol	ND	0.39		mg/Kg-dry	1	5/8/2017
Nitrobenzene	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.039		mg/Kg-dry	1	5/8/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/8/2017
Pentachlorophenol	ND	0.079		mg/Kg-dry	1	5/8/2017
Phenanthrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/8/2017
Pyrene	ND	0.039		mg/Kg-dry	1	5/8/2017
Pyridine	ND	0.79		mg/Kg-dry	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1221	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1232	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1242	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1248	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1254	ND	0.094		mg/Kg-dry	1	5/5/2017
Aroclor 1260	ND	0.094		mg/Kg-dry	1	5/5/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-20 / 4-6'			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 1:57:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050094-022					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (DRO)	ND	23		mg/Kg-dry	1	5/9/2017
TPH (ERO)	ND	23	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/8/2017		Analyst: JG
Arsenic	10	1.1		mg/Kg-dry	10	5/8/2017
Barium	69	1.1		mg/Kg-dry	10	5/8/2017
Cadmium	ND	0.53		mg/Kg-dry	10	5/8/2017
Chromium	16	1.1		mg/Kg-dry	10	5/8/2017
Lead	22	0.53		mg/Kg-dry	10	5/8/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/8/2017
Silver	ND	1.1		mg/Kg-dry	10	5/8/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/8/2017		Analyst: LB
Mercury	0.059	0.023		mg/Kg-dry	1	5/8/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/8/2017		Analyst: RW
pH	7.53			pH Units	1	5/8/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/4/2017		Analyst: RW
Percent Moisture	15.5	0.2	*	wt%	1	5/5/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-024

**Client Sample ID:** LS-GW-TW-05**Collection Date:** 5/2/2017 2:15:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>JNM</b>
Acetone	3.4	0.20		mg/L	10	5/9/2017
Benzene	0.30	0.050		mg/L	10	5/9/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/5/2017
Bromoform	ND	0.0050		mg/L	1	5/5/2017
Bromomethane	ND	0.010		mg/L	1	5/5/2017
2-Butanone	0.59	0.20		mg/L	10	5/9/2017
Carbon disulfide	ND	0.010		mg/L	1	5/5/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/5/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/5/2017
Chloroethane	ND	0.010		mg/L	1	5/5/2017
Chloroform	ND	0.0050		mg/L	1	5/5/2017
Chloromethane	ND	0.010		mg/L	1	5/5/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/5/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/5/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/5/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/5/2017
Ethylbenzene	0.11	0.0050		mg/L	1	5/5/2017
2-Hexanone	ND	0.020		mg/L	1	5/5/2017
4-Methyl-2-pentanone	0.11	0.020		mg/L	1	5/5/2017
Methylene chloride	ND	0.0050		mg/L	1	5/5/2017
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/5/2017
Styrene	ND	0.0050		mg/L	1	5/5/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/5/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/5/2017
Toluene	1.1	0.050		mg/L	10	5/9/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/5/2017
Trichloroethene	ND	0.0050		mg/L	1	5/5/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/5/2017
Xylenes, Total	0.62	0.15		mg/L	10	5/9/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C-SIM (SW3510C)</b>		Prep Date:	<b>5/3/2017</b>	Analyst: <b>DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/4/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-024

**Client Sample ID:** LS-GW-TW-05**Collection Date:** 5/2/2017 2:15:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
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**Semivolatile Organic Compounds by GC/MS**      **SW8270C-SIM (SW3510C)**      Prep Date: **5/3/2017**      Analyst: **DM**

Anthracene	ND	0.0010	mg/L	1		5/4/2017
Benz(a)anthracene	ND	0.00010	mg/L	1		5/4/2017
Benzo(a)pyrene	ND	0.00010	mg/L	1		5/4/2017
Benzo(b)fluoranthene	ND	0.00010	mg/L	1		5/4/2017
Benzo(g,h,i)perylene	ND	0.0010	mg/L	1		5/4/2017
Benzo(k)fluoranthene	ND	0.00010	mg/L	1		5/4/2017
Chrysene	0.00013	0.00010	mg/L	1		5/4/2017
Dibenz(a,h)anthracene	ND	0.00010	mg/L	1		5/4/2017
Fluoranthene	ND	0.0010	mg/L	1		5/4/2017
Fluorene	ND	0.0010	mg/L	1		5/4/2017
Indeno(1,2,3-cd)pyrene	ND	0.00010	mg/L	1		5/4/2017
Naphthalene	ND	0.0010	mg/L	1		5/4/2017
Phenanthrene	ND	0.0010	mg/L	1		5/4/2017
Pyrene	ND	0.0010	mg/L	1		5/4/2017
Carbazole	ND	0.00010	mg/L	1		5/4/2017
2,4-Dinitrotoluene	ND	0.00010	mg/L	1		5/4/2017
2,6-Dinitrotoluene	ND	0.00010	mg/L	1		5/4/2017
N-Nitrosodi-n-propylamine	ND	0.00010	mg/L	1		5/4/2017
Nitrobenzene	ND	0.0010	mg/L	1		5/4/2017
Pentachlorophenol	ND	0.00050	mg/L	1		5/4/2017

**Semivolatile Organic Compounds by GC/MS**      **SW8270C (SW3510C)**      Prep Date: **5/3/2017**      Analyst: **DM**

Aniline	ND	0.0050	mg/L	1		5/4/2017
Benzidine	ND	0.0050	mg/L	1		5/4/2017
Benzoic acid	12	5.0	mg/L	1000		5/8/2017
Benzyl alcohol	0.29	0.10	mg/L	20		5/5/2017
Bis(2-chloroethoxy)methane	ND	0.0050	mg/L	1		5/4/2017
Bis(2-chloroethyl)ether	ND	0.0050	mg/L	1		5/4/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050	mg/L	1		5/4/2017
4-Bromophenyl phenyl ether	ND	0.0050	mg/L	1		5/4/2017
Butyl benzyl phthalate	ND	0.0050	mg/L	1		5/4/2017
4-Chloroaniline	ND	0.0050	mg/L	1		5/4/2017
4-Chloro-3-methylphenol	ND	0.0050	mg/L	1		5/4/2017
2-Chloronaphthalene	ND	0.0050	mg/L	1		5/4/2017
2-Chlorophenol	ND	0.0050	mg/L	1		5/4/2017
4-Chlorophenyl phenyl ether	ND	0.0050	mg/L	1		5/4/2017
Dibenzofuran	ND	0.0050	mg/L	1		5/4/2017
1,2-Dichlorobenzene	ND	0.0050	mg/L	1		5/4/2017
1,3-Dichlorobenzene	ND	0.0050	mg/L	1		5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-05
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 2:15:00 PM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050094-024		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/4/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/4/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/4/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/4/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/4/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/4/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/4/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/4/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/4/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/4/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/4/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/4/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/4/2017
Isophorone	ND	0.0050		mg/L	1	5/4/2017
2-Methylnaphthalene	0.017	0.0050		mg/L	1	5/4/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/4/2017
4-Methylphenol	0.14	0.050		mg/L	10	5/5/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/4/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/4/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/4/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/4/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/4/2017
Phenol	ND	0.0050		mg/L	1	5/4/2017
Pyridine	ND	0.0050		mg/L	1	5/4/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/4/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/4/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/3/2017

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-05			
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 2:15:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous			
<b>Lab ID:</b>	17050094-024					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>PCBs</b> Aroclor 1260		<b>SW8082 (SW3510C)</b>				
	ND	0.00050		mg/L	1	5/3/2017
						5/3/2017
<b>Dissolved Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>				
Arsenic	0.0048	0.0040		mg/L	2	5/5/2017
Barium	0.85	0.0040		mg/L	2	5/5/2017
Cadmium	ND	0.0020		mg/L	2	5/5/2017
Chromium	ND	0.0080		mg/L	2	5/5/2017
Lead	ND	0.0020		mg/L	2	5/5/2017
Selenium	ND	0.0040		mg/L	2	5/5/2017
Silver	ND	0.0040		mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>				
Arsenic	0.034	0.020		mg/L	2	5/6/2017
Barium	1.4	0.020		mg/L	2	5/6/2017
Cadmium	0.011	0.010		mg/L	2	5/6/2017
Chromium	0.16	0.020		mg/L	2	5/6/2017
Lead	1.2	0.010		mg/L	2	5/6/2017
Selenium	ND	0.020		mg/L	2	5/6/2017
Silver	ND	0.020		mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>		<b>SW7470A</b>				
Mercury	ND	0.00020		mg/L	1	5/5/2017
						5/5/2017
<b>Mercury</b>		<b>SW7470A</b>				
Mercury	ND	0.00020		mg/L	1	5/5/2017
						5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

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S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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E - Value above quantitation range

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-025

**Client Sample ID:** LS-GW-TW-06**Collection Date:** 5/2/2017 2:47:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		<b>Analyst: JNM</b>
Acetone	0.050	0.020		mg/L	1	5/5/2017
Benzene	ND	0.0050		mg/L	1	5/5/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/5/2017
Bromoform	ND	0.0050		mg/L	1	5/5/2017
Bromomethane	ND	0.010		mg/L	1	5/5/2017
2-Butanone	ND	0.020		mg/L	1	5/5/2017
Carbon disulfide	ND	0.010		mg/L	1	5/5/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/5/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/5/2017
Chloroethane	ND	0.010		mg/L	1	5/5/2017
Chloroform	ND	0.0050		mg/L	1	5/5/2017
Chloromethane	ND	0.010		mg/L	1	5/5/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/5/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/5/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/5/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/5/2017
Ethylbenzene	ND	0.0050		mg/L	1	5/5/2017
2-Hexanone	ND	0.020		mg/L	1	5/5/2017
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/5/2017
Methylene chloride	ND	0.0050		mg/L	1	5/5/2017
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/5/2017
Styrene	ND	0.0050		mg/L	1	5/5/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/5/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/5/2017
Toluene	0.028	0.0050		mg/L	1	5/5/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/5/2017
Trichloroethene	ND	0.0050		mg/L	1	5/5/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/5/2017
Xylenes, Total	0.030	0.015		mg/L	1	5/5/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C-SIM (SW3510C)</b>		Prep Date:	<b>5/3/2017</b>	<b>Analyst: DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/4/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-025

**Client Sample ID:** LS-GW-TW-06**Collection Date:** 5/2/2017 2:47:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Anthracene	ND	0.0010		mg/L	1	5/4/2017
Benz(a)anthracene	0.00019	0.00010		mg/L	1	5/4/2017
Benzo(a)pyrene	0.00029	0.00010		mg/L	1	5/4/2017
Benzo(b)fluoranthene	0.00024	0.00010		mg/L	1	5/4/2017
Benzo(g,h,i)perylene	ND	0.0010		mg/L	1	5/4/2017
Benzo(k)fluoranthene	0.00028	0.00010		mg/L	1	5/4/2017
Chrysene	0.00025	0.00010		mg/L	1	5/4/2017
Dibenz(a,h)anthracene	ND	0.00010		mg/L	1	5/4/2017
Fluoranthene	ND	0.0010		mg/L	1	5/4/2017
Fluorene	ND	0.0010		mg/L	1	5/4/2017
Indeno(1,2,3-cd)pyrene	0.00020	0.00010		mg/L	1	5/4/2017
Naphthalene	0.0015	0.0010		mg/L	1	5/4/2017
Phenanthrene	ND	0.0010		mg/L	1	5/4/2017
Pyrene	ND	0.0010		mg/L	1	5/4/2017
Carbazole	ND	0.00010		mg/L	1	5/4/2017
2,4-Dinitrotoluene	ND	0.00010		mg/L	1	5/4/2017
2,6-Dinitrotoluene	ND	0.00010		mg/L	1	5/4/2017
N-Nitrosodi-n-propylamine	ND	0.00010		mg/L	1	5/4/2017
Nitrobenzene	ND	0.0010		mg/L	1	5/4/2017
Pentachlorophenol	ND	0.00050		mg/L	1	5/4/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
Aniline	ND	0.0050		mg/L	1	5/4/2017
Benzidine	ND	0.0050		mg/L	1	5/4/2017
Benzoic acid	0.068	0.025		mg/L	1	5/4/2017
Benzyl alcohol	ND	0.0050		mg/L	1	5/4/2017
Bis(2-chloroethoxy)methane	ND	0.0050		mg/L	1	5/4/2017
Bis(2-chloroethyl)ether	ND	0.0050		mg/L	1	5/4/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050		mg/L	1	5/4/2017
4-Bromophenyl phenyl ether	ND	0.0050		mg/L	1	5/4/2017
Butyl benzyl phthalate	ND	0.0050		mg/L	1	5/4/2017
4-Chloroaniline	ND	0.0050		mg/L	1	5/4/2017
4-Chloro-3-methylphenol	ND	0.0050		mg/L	1	5/4/2017
2-Chloronaphthalene	ND	0.0050		mg/L	1	5/4/2017
2-Chlorophenol	ND	0.0050		mg/L	1	5/4/2017
4-Chlorophenyl phenyl ether	ND	0.0050		mg/L	1	5/4/2017
Dibenzofuran	ND	0.0050		mg/L	1	5/4/2017
1,2-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
1,3-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-06
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 2:47:00 PM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050094-025		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/4/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/4/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/4/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/4/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/4/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/4/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/4/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/4/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/4/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/4/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/4/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/4/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/4/2017
Isophorone	ND	0.0050		mg/L	1	5/4/2017
2-Methylnaphthalene	ND	0.0050		mg/L	1	5/4/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/4/2017
4-Methylphenol	ND	0.0050		mg/L	1	5/4/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/4/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/4/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/4/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/4/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/4/2017
Phenol	ND	0.0050		mg/L	1	5/4/2017
Pyridine	ND	0.0050		mg/L	1	5/4/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/4/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/4/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/3/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: May 18, 2017

## ANALYTICAL RESULTS

Date Printed: May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-06		
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 2:47:00 PM		
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous		
<b>Lab ID:</b>	17050094-025				
Analyses	Result	RL Qualifier	Units	DF	Date Analyzed
<b>PCBs</b> Aroclor 1260	<b>SW8082 (SW3510C)</b> ND	0.00050	mg/L	1	Analyst: <b>GVC</b> 5/3/2017
<b>Dissolved Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>		Prep Date: <b>5/4/2017</b>	Analyst: <b>JG</b>
Arsenic	0.0064	0.0040	mg/L	2	5/5/2017
Barium	0.039	0.0040	mg/L	2	5/5/2017
Cadmium	ND	0.0020	mg/L	2	5/5/2017
Chromium	ND	0.0080	mg/L	2	5/5/2017
Lead	ND	0.0020	mg/L	2	5/5/2017
Selenium	ND	0.0040	mg/L	2	5/5/2017
Silver	ND	0.0040	mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>		Prep Date: <b>5/4/2017</b>	Analyst: <b>JG</b>
Arsenic	0.094	0.020	mg/L	2	5/6/2017
Barium	0.55	0.020	mg/L	2	5/6/2017
Cadmium	ND	0.010	mg/L	2	5/6/2017
Chromium	0.081	0.020	mg/L	2	5/6/2017
Lead	0.38	0.010	mg/L	2	5/6/2017
Selenium	ND	0.020	mg/L	2	5/6/2017
Silver	ND	0.020	mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>		<b>SW7470A</b>		Prep Date: <b>5/5/2017</b>	Analyst: <b>LB</b>
Mercury	ND	0.00020	mg/L	1	5/5/2017
<b>Mercury</b>		<b>SW7470A</b>		Prep Date: <b>5/5/2017</b>	Analyst: <b>LB</b>
Mercury	0.00021	0.00020	mg/L	1	5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-026

**Client Sample ID:** LS-GW-TW-06 FD  
**Collection Date:** 5/2/2017 3:00:00 PM  
**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		Analyst: <b>JNM</b>
Acetone	0.044	0.020		mg/L	1	5/5/2017
Benzene	ND	0.0050		mg/L	1	5/5/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/5/2017
Bromoform	ND	0.0050		mg/L	1	5/5/2017
Bromomethane	ND	0.010		mg/L	1	5/5/2017
2-Butanone	ND	0.020		mg/L	1	5/5/2017
Carbon disulfide	ND	0.010		mg/L	1	5/5/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/5/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/5/2017
Chloroethane	ND	0.010		mg/L	1	5/5/2017
Chloroform	ND	0.0050		mg/L	1	5/5/2017
Chloromethane	ND	0.010		mg/L	1	5/5/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/5/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/5/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/5/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/5/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/5/2017
Ethylbenzene	0.0056	0.0050		mg/L	1	5/5/2017
2-Hexanone	ND	0.020		mg/L	1	5/5/2017
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/5/2017
Methylene chloride	ND	0.0050		mg/L	1	5/5/2017
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/5/2017
Styrene	ND	0.0050		mg/L	1	5/5/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/5/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/5/2017
Toluene	0.026	0.0050		mg/L	1	5/5/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/5/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/5/2017
Trichloroethene	ND	0.0050		mg/L	1	5/5/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/5/2017
Xylenes, Total	0.035	0.015		mg/L	1	5/5/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C-SIM (SW3510C)</b>		Prep Date:	<b>5/3/2017</b>	Analyst: <b>DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/4/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/4/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050094 Revision 1  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050094-026

**Client Sample ID:** LS-GW-TW-06 FD  
**Collection Date:** 5/2/2017 3:00:00 PM  
**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Anthracene	ND	0.0010		mg/L	1	5/4/2017
Benz(a)anthracene	0.00022	0.00010		mg/L	1	5/4/2017
Benzo(a)pyrene	0.00025	0.00010		mg/L	1	5/4/2017
Benzo(b)fluoranthene	0.00031	0.00010		mg/L	1	5/4/2017
Benzo(g,h,i)perylene	ND	0.0010		mg/L	1	5/4/2017
Benzo(k)fluoranthene	0.00027	0.00010		mg/L	1	5/4/2017
Chrysene	0.00035	0.00010		mg/L	1	5/4/2017
Dibenz(a,h)anthracene	ND	0.00010		mg/L	1	5/4/2017
Fluoranthene	ND	0.0010		mg/L	1	5/4/2017
Fluorene	ND	0.0010		mg/L	1	5/4/2017
Indeno(1,2,3-cd)pyrene	0.00017	0.00010		mg/L	1	5/4/2017
Naphthalene	0.0031	0.0010		mg/L	1	5/4/2017
Phenanthrene	ND	0.0010		mg/L	1	5/4/2017
Pyrene	ND	0.0010		mg/L	1	5/4/2017
Carbazole	0.00019	0.00010		mg/L	1	5/4/2017
2,4-Dinitrotoluene	ND	0.00010		mg/L	1	5/4/2017
2,6-Dinitrotoluene	ND	0.00010		mg/L	1	5/4/2017
N-Nitrosodi-n-propylamine	ND	0.00010		mg/L	1	5/4/2017
Nitrobenzene	ND	0.0010		mg/L	1	5/4/2017
Pentachlorophenol	ND	0.00050		mg/L	1	5/4/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
Aniline	ND	0.0050		mg/L	1	5/4/2017
Benzidine	ND	0.0050		mg/L	1	5/4/2017
Benzoic acid	ND	0.025		mg/L	1	5/4/2017
Benzyl alcohol	ND	0.0050		mg/L	1	5/4/2017
Bis(2-chloroethoxy)methane	ND	0.0050		mg/L	1	5/4/2017
Bis(2-chloroethyl)ether	ND	0.0050		mg/L	1	5/4/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050		mg/L	1	5/4/2017
4-Bromophenyl phenyl ether	ND	0.0050		mg/L	1	5/4/2017
Butyl benzyl phthalate	ND	0.0050		mg/L	1	5/4/2017
4-Chloroaniline	ND	0.0050		mg/L	1	5/4/2017
4-Chloro-3-methylphenol	ND	0.0050		mg/L	1	5/4/2017
2-Chloronaphthalene	ND	0.0050		mg/L	1	5/4/2017
2-Chlorophenol	ND	0.0050		mg/L	1	5/4/2017
4-Chlorophenyl phenyl ether	ND	0.0050		mg/L	1	5/4/2017
Dibenzofuran	ND	0.0050		mg/L	1	5/4/2017
1,2-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
1,3-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017

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**Date Reported:** May 18, 2017**Date Printed:** May 18, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-06 FD
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 3:00:00 PM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050094-026		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/4/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/4/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/4/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/4/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/4/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/4/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/4/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/4/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/4/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/4/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/4/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/4/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/4/2017
Isophorone	ND	0.0050		mg/L	1	5/4/2017
2-Methylnaphthalene	ND	0.0050		mg/L	1	5/4/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/4/2017
4-Methylphenol	ND	0.0050		mg/L	1	5/4/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/4/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/4/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/4/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/4/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/4/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/4/2017
Phenol	ND	0.0050		mg/L	1	5/4/2017
Pyridine	ND	0.0050		mg/L	1	5/4/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/4/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/4/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/4/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/3/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/3/2017

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**Date Reported:** May 18, 2017**ANALYTICAL RESULTS****Date Printed:** May 18, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-06 FD		
<b>Work Order:</b>	17050094 Revision 1	<b>Collection Date:</b>	5/2/2017 3:00:00 PM		
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous		
<b>Lab ID:</b>	17050094-026				
Analyses	Result	RL Qualifier	Units	DF	Date Analyzed
<b>PCBs</b> Aroclor 1260	<b>SW8082 (SW3510C)</b> ND	0.00050	mg/L	1	Analyst: <b>GVC</b> 5/3/2017
<b>Dissolved Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>		Prep Date: <b>5/4/2017</b>	Analyst: <b>JG</b>
Arsenic	0.0087	0.0040	mg/L	2	5/5/2017
Barium	0.059	0.0040	mg/L	2	5/5/2017
Cadmium	ND	0.0020	mg/L	2	5/5/2017
Chromium	ND	0.0080	mg/L	2	5/5/2017
Lead	0.015	0.0020	mg/L	2	5/5/2017
Selenium	ND	0.0040	mg/L	2	5/5/2017
Silver	ND	0.0040	mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>		Prep Date: <b>5/4/2017</b>	Analyst: <b>JG</b>
Arsenic	0.045	0.020	mg/L	2	5/6/2017
Barium	0.24	0.020	mg/L	2	5/6/2017
Cadmium	ND	0.010	mg/L	2	5/6/2017
Chromium	0.029	0.020	mg/L	2	5/6/2017
Lead	0.13	0.010	mg/L	2	5/6/2017
Selenium	ND	0.020	mg/L	2	5/6/2017
Silver	ND	0.020	mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>		<b>SW7470A</b>		Prep Date: <b>5/5/2017</b>	Analyst: <b>LB</b>
Mercury	ND	0.00020	mg/L	1	5/5/2017
<b>Mercury</b>		<b>SW7470A</b>		Prep Date: <b>5/5/2017</b>	Analyst: <b>LB</b>
Mercury	ND	0.00020	mg/L	1	5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT** Analysis Corporation

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-2386  
e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD

Page: 1 of 2

Company: <u>WEAVER CONSULTANTS Group</u>	Project Number: <u>3896-300-01-03B</u>	Client Tracking No.: <u></u>	Quote No.: <u></u>					
Project Name: <u>LAKE STREET</u>	Project Location: <u>MELROSE PARK</u>	P.O. No.: <u></u>						
Sampler(s): <u>John Powers &amp; Stephanie Scilino</u>	Report To: <u>John Powers, Stephen Scilino</u>	Phone: <u>(312) 922-1630</u>	Turn Around Time (Days):					
		+ Christine Shellen Fax:	1 2 3 4 <b>5</b> 7 10					
QC Level: 1 <u>  </u> 2 <u>  </u> 3 <u>  </u> 4 <u>  </u>	e-mail: <u></u>	Results Needed:	/ / am/pm					
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grub	Preserv.	No. of Containers	Lab No.:
<u>LS-SB-GP-06/3-S</u>	<u>3/2/11</u>	<u>1026</u>	<u>Soil</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4</u>	<u>001</u>
<u>LS-SB-GP-06/3-FD</u>	<u>3/2/11</u>	<u>1030</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>002</u>
<u>LS-SB-GP-06/9-11</u>	<u></u>	<u>1036</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>003</u>
<u>LS-SB-GP-09/2-4</u>	<u></u>	<u>1000</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>004</u>
<u>LS-SB-GP-09/12-14</u>	<u></u>	<u>1005</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>005</u>
<u>LS-SB-GP-10/2-4</u>	<u></u>	<u>0915</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>006</u>
<u>LS-SB-GP-10/8-10</u>	<u></u>	<u>0920</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>007</u>
<u>LS-SB-GP-11/3-S</u>	<u></u>	<u>0855</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>008</u>
<u>LS-SB-GP-11/9-11</u>	<u></u>	<u>0900</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>009</u>
<u>LS-SB-GP-12/1-3</u>	<u></u>	<u>1205</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>010</u>
<u>LS-SB-GP-12/11-13</u>	<u></u>	<u>1207</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>011</u>
<u>LS-SB-GP-13/2-4</u>	<u></u>	<u>1247</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>012</u>
<u>LS-SB-GP-13/13-15</u>	<u></u>	<u>1249</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>013</u>
<u>LS-SB-GP-14/1-3</u>	<u></u>	<u>1224</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>014</u>
<u>LS-SB-GP-14/12-14</u>	<u></u>	<u>1227</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>015</u>
<u>LS-SB-GP-15/3-S</u>	<u></u>	<u>1143</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>016</u>
<u>LS-SB-GP-15/14-16</u>	<u></u>	<u>1145</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>017</u>
<u>LS-SB-GP-16/4-6</u>	<u></u>	<u>1110</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>018</u>
<u>LS-SB-GP-16/8-10</u>	<u></u>	<u>1115</u>	<u></u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>1</u>	<u>019</u>

Comments: PCBs, SVOCs, TPA, PCPs, PAH, ECRA Metrics

Date/Time: 7/2/11 11:11

Relinquished by: (Signature) [Signature]

Received by: (Signature) [Signature]

Relinquished by: (Signature) [Signature]

Received by: (Signature) [Signature]

Relinquished by: (Signature) [Signature]

Received by: (Signature) [Signature]

Laboratory Work Order No.: 17050094

Preservation Code: A = None B = HNO<sub>3</sub> C = NaOH  
D = H<sub>2</sub>SO<sub>4</sub> E = HCl F = 5035/EnCore G = Other

Received on Iee: Yes  No

Date/Time: 7/2/11 17:11

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Temperature: 4.6 °C

**STAT** Analysis Corporation

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386  
 e-mail address: STATinfo@STATAnalysis.com

**CHAIN OF CUSTODY RECORD**

Company:		Project Number: 7-1177-3888-300 Client Tracking No.: 129										Nº: 905473		Page: 2 of 2	
Project Name: MELROSE PARK 29												P.O. No.:			
Project Location: LAKE STREET												Results Needed:		Turn Around Time (Days):	
Sampler(s): Sch. 1												/ / am/pm		1 2 3 4 5 7 10	
Report To: Sch. 1												Additional Information:		Lab No.:	
QC Level: 1 2 3 4														020	
Client Sample Number/Description:		Date Taken	Time Taken	Matrix	Comp.	Grab	Preservt.	No. of Containers			021				
LS-SB-GP-18/4-6		5/2/17	13:00	Soil	X	X	X	7			Hold				
LS-SB-GP-18/12-14		13:12									022				
LS-SB-GP-20/4-6		13:55									023				
LS-SB-GP-05/MSD		13:57									024				
LS-SB-GP-20/13-15		14:04									025				
LS-SB-GP-05		14:15	6in								026				
LS-GW-TG-06		14:47													
LS-GW-TW-06 FD		15:02													
Comments: * My sample is taken for LS-SB-GP-20/4-6-17/11/17/11															
Relinquished by: (Signature)		Date/Time: 5/2/17 17:11		Date/Time: 5/2/17 17:11		Date/Time:		Laboratory Work Order No.:		Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Received by: (Signature)								17050094							
Relinquished by: (Signature)															
Received by: (Signature)															
Relinquished by: (Signature)															
Received by: (Signature)															
Preservation Code: A = None    B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl    F = 5035/EnCore    G = Other Temperature: 4.6 °C															
Relinquished by: (Signature)															
Received by: (Signature)															
Relinquished by: (Signature)															
Received by: (Signature)															
Relinquished by: (Signature)															
Received by: (Signature)															

**STAT** Analysis Corporation

## Sample Receipt Checklist

Client Name WEAVER (NAPERVILLE)

Date and Time Received: 5/2/2017 5:11:00 PM

Work Order Number 17050094

Received by: JDR

Checklist completed by:

Signature

Date

5/2/17

Reviewed by:

Initials

5/3/17

Date

Matrix:

Carrier name Client DeliveredShipping container/coolier in good condition? Yes  No  Not Present Custody seals intact on shipping container/coolier? Yes  No  Not Present Custody seals intact on sample bottles? Yes  No  Not Present Chain of custody present? Yes  No Chain of custody signed when relinquished and received? Yes  No Chain of custody agrees with sample labels/containers? Yes  No Samples in proper container/bottle? Yes  No Sample containers intact? Yes  No Sufficient sample volume for indicated test? Yes  No All samples received within holding time? Yes  No Container or Temp Blank temperature in compliance? Yes  No  Temperature 4.6 °CWater - VOA vials have zero headspace? No VOA vials submitted  Yes  No Water - Samples pH checked? Yes  No  Checked by: JDRWater - Samples properly preserved? Yes  No  pH Adjusted? No

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

**From:** Pannier, Colin [cpannier@wcgrp.com]  
**Sent:** Monday, May 15, 2017 12:44 PM  
**To:** Martin Kucan; Shelton, Chrystine; Scilingo, Stephanie  
**Cc:** Frank Capoccia  
**Subject:** RE: 3896-300-01-03B, Lake Street, Melrose Park STAT 17050094

Hi Martin,

Please run  $f_{oc}$  on sample LS-SB-GP-16 / 4-6'.

I do not believe we will be running any other additional analysis for this project, but I will let you know if anything changes. Please get the  $f_{oc}$  started, though.

Thank you,  
Colin

**Colin Pannier**

Staff Geologist

✉ Weaver Consultants Group

35 E. Wacker Drive | Suite 1250  
Chicago, IL 60601  
O: 312-922-1030 | F: 312-922-0201 | M: 815-354-8379  
[www.wcgrp.com](http://www.wcgrp.com) | [cpannier@wcgrp.com](mailto:cpannier@wcgrp.com)



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**STAT Analysis Corporation**

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Test No:** SW5035/8260B      **Matrix:** S

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK051017-2	88.8	102	113	102				
VLCS051017-2	87.1	102	117	104				
VLCSD051017-2	89.8	102	117	102				
17050094-022A	86.3	104	120	115				
17050094-022AMS	88.4	105	120	114				
17050094-022AMSD	89.1	104	121	114				
17050094-001A	81.0	101	119	113				
17050094-002A	90.3	104	118	116				
17050094-004A	85.9	102	118	113				
17050094-006A	87.5	103	121	118				
17050094-008A	83.3	102	118	113				
17050094-010A	80.5	106	118	108				
17050094-012A	83.7	106	118	111				
17050094-014A	61.1	113	118	108				
17050094-016A	91.0	104	114	113				
17050094-018A	95.0	103	114	113				
17050094-020A	95.6	105	118	113				
VBLK051117-2	91.2	101	107	105				
VLCS051117-2	91.6	102	112	109				
VLCSD051117-2	88.7	103	111	105				
17050094-010A:50	92.1	102	109	108				
17050094-014A:100	88.7	104	109	108				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	58-122
BZMED8	= Toluene-d8	73-122
DBFM	= Dibromofluoromethane	65-131
DCA12D4	= 1,2-Dichloroethane-d4	71-143

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R132003**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3647535	BFB051017-2	TUNE	BFB	R132003	1	05/10/2017 14:24
3647536	VSTD050	CCV	VOC_ENCORE+	R132003	1	05/10/2017 14:54
3647537	VBLK051017-2	MBLK	VOC_ENCORE+	R132003	1	05/10/2017 15:31
3647545	VLCS051017-2	LCS	VOC_ENCORE+	R132003	1	05/10/2017 16:09
3647546	VLCSD051017-2	LCSD	VOC_ENCORE+	R132003	1	05/10/2017 16:46
3647547	17050094-022A	SAMP	VOC_5035	100188	1	05/10/2017 17:44
3647576	17050094-022A	SAMP	VOC_5035+	100188	1	05/10/2017 17:44
3647577	17050094-022AMS	MS	VOC_5035+	100188	1	05/10/2017 18:21
3647578	17050094-022AMSD	MSD	VOC_5035+	100188	1	05/10/2017 18:57
3647581	17050094-001A	SAMP	VOC_5035	100188	1	05/10/2017 19:35
3647583	17050094-002A	SAMP	VOC_5035	100188	1	05/10/2017 20:12
3647587	17050094-004A	SAMP	VOC_5035	100188	1	05/10/2017 20:49
3647595	17050094-006A	SAMP	VOC_5035	100188	1	05/10/2017 21:26
3647597	17050094-008A	SAMP	VOC_5035	100188	1	05/10/2017 22:03
3647599	17050094-010A	SAMP	VOC_5035	100188	1	05/10/2017 22:41
3647601	17050094-012A	SAMP	VOC_5035	100188	1	05/10/2017 23:18
3647603	17050094-014A	SAMP	VOC_5035	100188	1	05/10/2017 23:55
3647606	17050094-016A	SAMP	VOC_5035	100188	1	05/11/2017 00:32
3647608	17050094-018A	SAMP	VOC_5035	100188	1	05/11/2017 01:10
3647611	17050094-020A	SAMP	VOC_5035	100188	1	05/11/2017 01:47

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022AMS</b>	<b>LS-SB-GP-20 / 4-6'</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW5035/8260B</b>	<b>5/3/2017</b>	<b>5/10/2017</b>	<b>VOA-2_170510A</b>	<b>3647577</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.04955	0.0049	0.04853	0	102	62	137	0	0		
1,1,2,2-Tetrachloroethane		0.03968	0.0049	0.04853	0	81.8	70	130	0	0		
1,1,2-Trichloroethane		0.03923	0.0049	0.04853	0	80.8	70	130	0	0		
1,1-Dichloroethane		0.05215	0.0049	0.04853	0	107	60	123	0	0		
1,1-Dichloroethene		0.04627	0.0049	0.04853	0	95.4	61	137	0	0		
1,2-Dichloroethane		0.04946	0.0049	0.04853	0	102	70	130	0	0		
1,2-Dichloropropane		0.04542	0.0049	0.04853	0	93.6	70	130	0	0		
2-Butanone		0.152	0.073	0.09705	0	157	50	150	0	0		S
2-Hexanone		0.1189	0.019	0.09705	0	123	50	150	0	0		
4-Methyl-2-pentanone		0.1325	0.019	0.09705	0	136	50	150	0	0		
Acetone		0.155	0.073	0.09705	0.04746	111	50	150	0	0		
Benzene		0.0465	0.0049	0.04853	0	95.8	56	129	0	0		
Bromodichloromethane		0.04471	0.0049	0.04853	0	92.1	70	130	0	0		
Bromoform		0.03441	0.0049	0.04853	0	70.9	70	130	0	0		
Bromomethane		0.02696	0.0097	0.04853	0	55.6	70	130	0	0		S
Carbon disulfide		0.1431	0.049	0.09705	0.0003362	147	70	130	0	0		S
Carbon tetrachloride		0.04961	0.0049	0.04853	0	102	59	131	0	0		
Chlorobenzene		0.03784	0.0049	0.04853	0	78	35	121	0	0		
Chloroethane		0.01727	0.0097	0.04853	0	35.6	70	130	0	0		S
Chloroform		0.05152	0.0049	0.04853	0	106	56	129	0	0		
Chloromethane		0.04773	0.0097	0.04853	0	98.4	70	130	0	0		
cis-1,2-Dichloroethene		0.05076	0.0049	0.04853	0	105	55	129	0	0		
cis-1,3-Dichloropropene		0.04611	0.0019	0.04853	0	95	45	120	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

# ANALYTICAL QC SUMMARY REPORT

## GCMS Volatiles

**BatchID: R132003**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
		LS-SB-GP-20 / 4-6' MS	mg/Kg-dry	SW5035/8260B	5/3/2017	5/10/2017	VOA-2_170510A	3647577				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dibromochloromethane		0.03636	0.0049	0.04853	0	74.9	70	130	0	0		
Ethylbenzene		0.03992	0.0049	0.04853	0	82.3	41	130	0	0		
Methyl tert-butyl ether		0.05772	0.0049	0.04853	0.0004728	118	70	130	0	0		
Methylene chloride		0.04596	0.0097	0.04853	0	94.7	63	131	0	0		
Styrene		0.03714	0.0049	0.04853	0	76.5	70	130	0	0		
Tetrachloroethene		0.03688	0.0049	0.04853	0	76	39	132	0	0		
Toluene		0.04709	0.0049	0.04853	0	97	39	131	0	0		
trans-1,2-Dichloroethene		0.04924	0.0049	0.04853	0	101	61	134	0	0		
trans-1,3-Dichloropropene		0.04225	0.0019	0.04853	0	87.1	45	133	0	0		
Trichloroethene		0.04696	0.0049	0.04853	0	96.8	31	135	0	0		
Vinyl chloride		0.05961	0.0049	0.04853	0	123	70	130	0	0		
Xylenes, Total		0.1189	0.015	0.1456	0	81.6	70	130	0	0		

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
		LS-SB-GP-20 / 4-6' MSD	mg/Kg-dry	SW5035/8260B	5/3/2017	5/10/2017	VOA-2_170510A	3647578				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0397	0.0041	0.04107	0	96.7	62	137	0.04955	22.1	51	
1,1,2,2-Tetrachloroethane		0.02558	0.0041	0.04107	0	62.3	70	130	0.03968	43.2	20	SR
1,1,2-Trichloroethane		0.02884	0.0041	0.04107	0	70.2	70	130	0.03923	30.5	20	
1,1-Dichloroethane		0.04249	0.0041	0.04107	0	103	60	123	0.05215	20.4	54	
1,1-Dichloroethene		0.03859	0.0041	0.04107	0	94	61	137	0.04627	18.1	54	
1,2-Dichloroethane		0.03659	0.0041	0.04107	0	89.1	70	130	0.04946	29.9	20	R
1,2-Dichloropropane		0.03572	0.0041	0.04107	0	87	70	130	0.04542	23.9	20	R
2-Butanone		0.1077	0.062	0.08215	0	131	50	150	0.152	34.2	20	R
2-Hexanone		0.08373	0.016	0.08215	0	102	50	150	0.1189	34.7	20	R
4-Methyl-2-pentanone		0.09368	0.016	0.08215	0	114	50	150	0.1325	34.3	20	R
Acetone		0.1273	0.062	0.08215	0.04746	97.2	50	150	0.155	19.6	20	
Benzene		0.03786	0.0041	0.04107	0	92.2	56	129	0.0465	20.5	53	
Bromodichloromethane		0.03332	0.0041	0.04107	0	81.1	70	130	0.04471	29.2	20	R
Bromoform		0.02317	0.0041	0.04107	0	56.4	70	130	0.03441	39.1	20	SR
Bromomethane		0.02157	0.0082	0.04107	0	52.5	70	130	0.02696	22.2	20	SR
Carbon disulfide		0.116	0.041	0.08215	0.0003362	141	70	130	0.1431	21.0	20	SR
Carbon tetrachloride		0.03955	0.0041	0.04107	0	96.3	59	131	0.04961	22.6	55	
Chlorobenzene		0.02887	0.0041	0.04107	0	70.3	35	121	0.03784	26.9	64	
Chloroethane		0.02275	0.0082	0.04107	0	55.4	70	130	0.01727	27.4	20	SR
Chloroform		0.0405	0.0041	0.04107	0	98.6	56	129	0.05152	24.0	56	
Chloromethane		0.03452	0.0082	0.04107	0	84	70	130	0.04773	32.1	20	R
cis-1,2-Dichloroethene		0.03982	0.0041	0.04107	0	96.9	55	129	0.05076	24.2	55	
cis-1,3-Dichloropropene		0.03502	0.0016	0.04107	0	85.3	45	120	0.04611	27.3	58	
Dibromochloromethane		0.02692	0.0041	0.04107	0	65.5	70	130	0.03636	29.8	20	SR
Ethylbenzene		0.03128	0.0041	0.04107	0	76.2	41	130	0.03992	24.3	59	
Methyl tert-butyl ether		0.04455	0.0041	0.04107	0.0004728	107	70	130	0.05772	25.8	20	R
Methylene chloride		0.03584	0.0082	0.04107	0	87.3	63	131	0.04596	24.7	53	
Styrene		0.02731	0.0041	0.04107	0	66.5	70	130	0.03714	30.5	20	SR
Tetrachloroethene		0.02904	0.0041	0.04107	0	70.7	39	132	0.03688	23.8	62	
Toluene		0.03676	0.0041	0.04107	0	89.5	39	131	0.04709	24.6	58	
trans-1,2-Dichloroethene		0.04079	0.0041	0.04107	0	99.3	61	134	0.04924	18.8	53	
trans-1,3-Dichloropropene		0.03206	0.0016	0.04107	0	78.1	45	133	0.04225	27.4	65	
Trichloroethene		0.03695	0.0041	0.04107	0	90	31	135	0.04696	23.9	58	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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 H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
 E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R132003**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022AMSD</b>	<b>LS-SB-GP-20 / 4-6' MSD</b>		<b>mg/Kg-dry</b>	<b>SW5035/8260B</b>	<b>5/3/2017</b>	<b>5/10/2017</b>	<b>VOA-2_170510A</b>	<b>3647578</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Vinyl chloride		0.04669	0.0041	0.04107	0	114	70	130	0.05961	24.3	20	R
Xylenes, Total		0.09118	0.012	0.1232	0	74	70	130	0.1189	26.3	20	R
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>VBLK051017-2</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW5035/8260B</b>		<b>5/10/2017</b>	<b>VOA-2_170510A</b>	<b>3647537</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		ND	0.0050									
1,1,2,2-Tetrachloroethane		ND	0.0050									
1,1,2-Trichloroethane		ND	0.0050									
1,1-Dichloroethane		ND	0.0050									
1,1-Dichloroethene		ND	0.0050									
1,2-Dichloroethane		ND	0.0050									
1,2-Dichloropropane		ND	0.0050									
2-Butanone		ND	0.075									
2-Hexanone		ND	0.020									
4-Methyl-2-pentanone		ND	0.020									
Acetone		ND	0.075									
Benzene		ND	0.0050									
Bromodichloromethane		ND	0.0050									
Bromoform		ND	0.0050									
Bromomethane		ND	0.010									
Carbon disulfide		ND	0.050									
Carbon tetrachloride		ND	0.0050									
Chlorobenzene		ND	0.0050									
Chloroethane		ND	0.010									
Chloroform		ND	0.0050									
Chloromethane		ND	0.010									
cis-1,2-Dichloroethene		ND	0.0050									
cis-1,3-Dichloropropene		ND	0.0020									
Dibromochloromethane		ND	0.0050									
Ethylbenzene		ND	0.0050									
Methyl tert-butyl ether		ND	0.0050									
Methylene chloride		ND	0.010									
Styrene		ND	0.0050									
Tetrachloroethene		ND	0.0050									
Toluene		ND	0.0050									
trans-1,2-Dichloroethene		ND	0.0050									
trans-1,3-Dichloropropene		ND	0.0020									
Trichloroethene		ND	0.0050									
Vinyl chloride		ND	0.0050									
Xylenes, Total		ND	0.015									

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>VLCS051017-2</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW5035/8260B</b>		<b>5/10/2017</b>	<b>VOA-2_170510A</b>	<b>3647545</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.05169	0.0050	0.05	0	103	70	130	0	0		
1,1,2-Tetrachloroethane		0.049	0.0050	0.05	0	98	70	130	0	0		
1,1,2-Trichloroethane		0.0489	0.0050	0.05	0	97.8	70	130	0	0		

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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

<b>CLIENT:</b>	Weaver Consultants Group	<b>ANALYTICAL QC SUMMARY REPORT</b>							
<b>Work Order:</b>	17050094	<b>GCMS Volatiles</b>							
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>BatchID: R132003</b>							

Sample ID: <b>VLCS051017-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/10/2017</b>	Analysis Date: <b>5/10/2017</b>	Run ID: <b>VOA-2_170510A</b>	SeqNo: <b>3647545</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethane		0.05564	0.0050	0.05	0	111	70	130	0	0		
1,1-Dichloroethene		0.04809	0.0050	0.05	0	96.2	70	130	0	0		
1,2-Dichloroethane		0.05661	0.0050	0.05	0	113	70	130	0	0		
1,2-Dichloropropane		0.05219	0.0050	0.05	0	104	70	130	0	0		
2-Butanone		0.1179	0.075	0.1	0	118	50	150	0	0		
2-Hexanone		0.106	0.020	0.1	0	106	50	150	0	0		
4-Methyl-2-pentanone		0.1204	0.020	0.1	0	120	50	150	0	0		
Acetone		0.1255	0.075	0.1	0	126	50	150	0	0		
Benzene		0.0498	0.0050	0.05	0	99.6	70	130	0	0		
Bromodichloromethane		0.05352	0.0050	0.05	0	107	70	130	0	0		
Bromoform		0.04545	0.0050	0.05	0	90.9	70	130	0	0		
Bromomethane		0.05059	0.010	0.05	0	101	50	150	0	0		
Carbon disulfide		0.1403	0.050	0.1	0	140	70	130	0	0		S
Carbon tetrachloride		0.05088	0.0050	0.05	0	102	70	130	0	0		
Chlorobenzene		0.04527	0.0050	0.05	0	90.5	70	130	0	0		
Chloroethane		0.04947	0.010	0.05	0	98.9	70	130	0	0		
Chloroform		0.05704	0.0050	0.05	0	114	70	130	0	0		
Chloromethane		0.04607	0.010	0.05	0	92.1	70	130	0	0		
cis-1,2-Dichloroethene		0.05446	0.0050	0.05	0	109	70	130	0	0		
cis-1,3-Dichloropropene		0.05381	0.0020	0.05	0	108	70	130	0	0		
Dibromochloromethane		0.04743	0.0050	0.05	0	94.9	70	130	0	0		
Ethylbenzene		0.04412	0.0050	0.05	0	88.2	70	130	0	0		
Methyl tert-butyl ether		0.06525	0.0050	0.05	0	130	70	130	0	0		S
Methylene chloride		0.05084	0.010	0.05	0	102	70	130	0	0		
Styrene		0.04492	0.0050	0.05	0	89.8	70	130	0	0		
Tetrachloroethene		0.0395	0.0050	0.05	0	79	70	130	0	0		
Toluene		0.05024	0.0050	0.05	0	100	70	130	0	0		
trans-1,2-Dichloroethene		0.05235	0.0050	0.05	0	105	70	130	0	0		
trans-1,3-Dichloropropene		0.05142	0.0020	0.05	0	103	70	130	0	0		
Trichloroethene		0.05121	0.0050	0.05	0	102	70	130	0	0		
Vinyl chloride		0.05222	0.0050	0.05	0	104	70	130	0	0		
Xylenes, Total		0.1327	0.015	0.15	0	88.5	70	130	0	0		

Sample ID: <b>VLCS051017-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/10/2017</b>	Analysis Date: <b>5/10/2017</b>	Run ID: <b>VOA-2_170510A</b>	SeqNo: <b>3647546</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.05131	0.0050	0.05	0	103	70	130	0.05169	0.738	20	
1,1,2,2-Tetrachloroethane		0.04979	0.0050	0.05	0	99.6	70	130	0.049	1.60	20	
1,1,2-Trichloroethane		0.04893	0.0050	0.05	0	97.9	70	130	0.0489	0.0613	20	
1,1-Dichloroethane		0.05556	0.0050	0.05	0	111	70	130	0.05564	0.144	20	
1,1-Dichloroethene		0.04786	0.0050	0.05	0	95.7	70	130	0.04809	0.479	20	
1,2-Dichloroethane		0.05796	0.0050	0.05	0	116	70	130	0.05661	2.36	20	
1,2-Dichloropropane		0.05184	0.0050	0.05	0	104	70	130	0.05219	0.673	20	
2-Butanone		0.1267	0.075	0.1	0	127	50	150	0.1179	7.18	20	
2-Hexanone		0.1074	0.020	0.1	0	107	50	150	0.106	1.30	20	
4-Methyl-2-pentanone		0.1221	0.020	0.1	0	122	50	150	0.1204	1.37	20	
Acetone		0.1244	0.075	0.1	0	124	50	150	0.1255	0.904	20	
Benzene		0.04979	0.0050	0.05	0	99.6	70	130	0.0498	0.0201	20	
Bromodichloromethane		0.05323	0.0050	0.05	0	106	70	130	0.05352	0.543	20	

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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GCMS Volatiles

BatchID: R132003

Sample ID: <b>VLCSD051017-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/10/2017</b>	Analysis Date: <b>VOA-2_170510A</b>	Run ID:	SeqNo: <b>3647546</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromoform	0.04678	0.0050	0.05	0	93.6	70	130	0.04545	2.88	20	
Bromomethane	0.05185	0.010	0.05	0	104	50	150	0.05059	2.46	20	
Carbon disulfide	0.1393	0.050	0.1	0	139	70	130	0.1403	0.708	20	S
Carbon tetrachloride	0.04971	0.0050	0.05	0	99.4	70	130	0.05088	2.33	20	
Chlorobenzene	0.04544	0.0050	0.05	0	90.9	70	130	0.04527	0.375	20	
Chloroethane	0.04964	0.010	0.05	0	99.3	70	130	0.04947	0.343	20	
Chloroform	0.05666	0.0050	0.05	0	113	70	130	0.05704	0.668	20	
Chloromethane	0.04648	0.010	0.05	0	93	70	130	0.04607	0.886	20	
cis-1,2-Dichloroethene	0.05537	0.0050	0.05	0	111	70	130	0.05446	1.66	20	
cis-1,3-Dichloropropene	0.0535	0.0020	0.05	0	107	70	130	0.05381	0.578	20	
Dibromochloromethane	0.04768	0.0050	0.05	0	95.4	70	130	0.04743	0.526	20	
Ethylbenzene	0.04458	0.0050	0.05	0	89.2	70	130	0.04412	1.04	20	
Methyl tert-butyl ether	0.06587	0.0050	0.05	0	132	70	130	0.06525	0.946	20	S
Methylene chloride	0.05059	0.010	0.05	0	101	70	130	0.05084	0.493	20	
Styrene	0.04538	0.0050	0.05	0	90.8	70	130	0.04492	1.02	20	
Tetrachloroethene	0.03917	0.0050	0.05	0	78.3	70	130	0.0395	0.839	20	
Toluene	0.0499	0.0050	0.05	0	99.8	70	130	0.05024	0.679	20	
trans-1,2-Dichloroethene	0.05188	0.0050	0.05	0	104	70	130	0.05235	0.902	20	
trans-1,3-Dichloropropene	0.0515	0.0020	0.05	0	103	70	130	0.05142	0.155	20	
Trichloroethene	0.0501	0.0050	0.05	0	100	70	130	0.05121	2.19	20	
Vinyl chloride	0.05157	0.0050	0.05	0	103	70	130	0.05222	1.25	20	
Xylenes, Total	0.1326	0.015	0.15	0	88.4	70	130	0.1327	0.0377	20	

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B - Analyte detected in the associated Method Blank  
 E - Value above quantitation range

**STAT Analysis Corporation**

CLIENT: Weaver Consultants Group

Work Order: 17050094

Project: 3896-300-01-03B, Lake Street, Melrose Park

Test No: SW8260B

Matrix: W

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK050517-4	98.1	100	93.6	102				
VLCS050517-4	97.5	99.9	94.9	100				
VLCSD050517-4	98.5	101	93.4	97.8				
17050094-024A	95.1	104	98.2	104				
17050094-025A	99.2	97.6	95.6	103				
17050094-026A	97.6	97.1	97.3	102				
VBLK050917-4	97.9	101	99.9	103				
VLCS050917-4	98.2	104	98.2	99.7				
VLCSD050917-4	98.1	101	98.0	98.3				
17050147-021AMS	96.8	98.9	102	99.8				
17050147-021AMSD	97.3	102	101	102				
17050094-024A:10	101	99.3	98.3	105				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	79-114
BZMED8	= Toluene-d8	91-109
DBFM	= Dibromofluoromethane	85-123
DCA12D4	= 1,2-Dichloroethane-d4	86-119

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R132014**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3648145	BFB051117-2	TUNE	BFB	R132014	1	05/11/2017 08:32
3648146	VSTD050	CCV	VOC_ENCORE+	R132014	1	05/11/2017 09:16
3648147	VBLK051117-2	MBLK	VOC_ENCORE+	R132014	1	05/11/2017 09:53
3648153	VLCS051117-2	LCS	VOC_ENCORE+	R132014	1	05/11/2017 10:32
3648168	VLCSD051117-2	LCSD	VOC_ENCORE+	R132014	1	05/11/2017 11:11
3648187	17050094-010A	SAMP	VOC_5035	100404	50	05/11/2017 11:49
3648206	17050094-014A	SAMP	VOC_5035	100404	100	05/11/2017 12:31
3648534	17050161-001A	SAMP	VOC_ENCORE+	100223	1	05/11/2017 13:10
3648804	17050161-001A	SAMP	F-LIST_VOC	100223	1	05/11/2017 13:10
3648538	17050280-001A	SAMP	VOC_5035	100404	1	05/11/2017 13:48
3648683	17050153-001A	SAMP	VOC_5035	100243	1	05/11/2017 14:25
3649037	17050153-008A	SAMP	BTEX+_5035	100404	1	05/11/2017 15:03
3649038	17050153-005A	SAMP	BTEX+_5035	100404	1	05/11/2017 15:41
3649039	17050153-003A	SAMP	BTEX+_5035	100404	1	05/11/2017 16:19
3649040	17050153-004A	SAMP	BTEX+_5035	100404	1	05/11/2017 16:57
3649041	17050132-001A	SAMP	VOC_5035	100188	1	05/11/2017 18:11
3649042	17050132-007A	SAMP	VOC_5035	100188	1	05/11/2017 18:49

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>VBLK051117-2</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW5035/8260B</b>		<b>5/11/2017</b>	<b>VOA-2_170511A</b>	<b>3648147</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

1,1,1-Trichloroethane	ND	0.0050
1,1,2,2-Tetrachloroethane	ND	0.0050
1,1,2-Trichloroethane	ND	0.0050
1,1-Dichloroethane	ND	0.0050
1,1-Dichloroethene	ND	0.0050
1,2-Dichloroethane	ND	0.0050
1,2-Dichloropropane	ND	0.0050
2-Butanone	ND	0.075
2-Hexanone	ND	0.020
4-Methyl-2-pentanone	ND	0.020
Acetone	ND	0.075
Benzene	ND	0.0050
Bromodichloromethane	ND	0.0050
Bromoform	ND	0.0050
Bromomethane	ND	0.010
Carbon disulfide	ND	0.050
Carbon tetrachloride	ND	0.0050
Chlorobenzene	ND	0.0050
Chloroethane	ND	0.010
Chloroform	ND	0.0050
Chloromethane	ND	0.010
cis-1,2-Dichloroethene	ND	0.0050
cis-1,3-Dichloropropene	ND	0.0020
Dibromochloromethane	ND	0.0050
Ethylbenzene	ND	0.0050
Methyl tert-butyl ether	ND	0.0050

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R132014**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>VBLK051117-2</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW5035/8260B</b>		<b>5/11/2017</b>	<b>VOA-2_170511A</b>	<b>3648147</b>				
Analyte		Result		PQL SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Methylene chloride	ND	0.010
Styrene	ND	0.0050
Tetrachloroethene	ND	0.0050
Toluene	ND	0.0050
trans-1,2-Dichloroethene	ND	0.0050
trans-1,3-Dichloropropene	ND	0.0020
Trichloroethene	ND	0.0050
Vinyl chloride	ND	0.0050
Xylenes, Total	ND	0.015

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>VLCS051117-2</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW5035/8260B</b>		<b>5/11/2017</b>	<b>VOA-2_170511A</b>	<b>3648153</b>				
Analyte		Result		PQL SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Methylene chloride	ND	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Styrene	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Tetrachloroethene	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Toluene	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
trans-1,2-Dichloroethene	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
trans-1,3-Dichloropropene	ND	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Trichloroethene	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Vinyl chloride	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Xylenes, Total	ND	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
1,1,1-Trichloroethane	0.05216	0.0050	0.05	0	104	70	130	0	0	0	0	0
1,1,2,2-Tetrachloroethane	0.0533	0.0050	0.05	0	107	70	130	0	0	0	0	0
1,1,2-Trichloroethane	0.0521	0.0050	0.05	0	104	70	130	0	0	0	0	0
1,1-Dichloroethane	0.05479	0.0050	0.05	0	110	70	130	0	0	0	0	0
1,1-Dichloroethene	0.04663	0.0050	0.05	0	93.3	70	130	0	0	0	0	0
1,2-Dichloroethane	0.05661	0.0050	0.05	0	113	70	130	0	0	0	0	0
1,2-Dichloropropane	0.05273	0.0050	0.05	0	105	70	130	0	0	0	0	0
2-Butanone	0.1206	0.075	0.1	0	121	50	150	0	0	0	0	0
2-Hexanone	0.1166	0.020	0.1	0	117	50	150	0	0	0	0	0
4-Methyl-2-pentanone	0.1223	0.020	0.1	0	122	50	150	0	0	0	0	0
Acetone	0.1144	0.075	0.1	0	114	50	150	0	0	0	0	0
Benzene	0.05057	0.0050	0.05	0	101	70	130	0	0	0	0	0
Bromodichloromethane	0.05409	0.0050	0.05	0	108	70	130	0	0	0	0	0
Bromoform	0.05009	0.0050	0.05	0	100	70	130	0	0	0	0	0
Bromomethane	0.04596	0.010	0.05	0	91.9	50	150	0	0	0	0	0
Carbon disulfide	0.1379	0.050	0.1	0	138	70	130	0	0	0	0	S
Carbon tetrachloride	0.05222	0.0050	0.05	0	104	70	130	0	0	0	0	0
Chlorobenzene	0.05017	0.0050	0.05	0	100	70	130	0	0	0	0	0
Chloroethane	0.05077	0.010	0.05	0	102	70	130	0	0	0	0	0
Chloroform	0.05618	0.0050	0.05	0	112	70	130	0	0	0	0	0
Chlormethane	0.04788	0.010	0.05	0	95.8	70	130	0	0	0	0	0
cis-1,2-Dichloroethene	0.05293	0.0050	0.05	0	106	70	130	0	0	0	0	0
cis-1,3-Dichloropropene	0.05491	0.0020	0.05	0	110	70	130	0	0	0	0	0
Dibromochloromethane	0.05096	0.0050	0.05	0	102	70	130	0	0	0	0	0
Ethylbenzene	0.04916	0.0050	0.05	0	98.3	70	130	0	0	0	0	0
Methyl tert-butyl ether	0.06142	0.0050	0.05	0	123	70	130	0	0	0	0	0
Methylene chloride	0.04845	0.010	0.05	0	96.9	70	130	0	0	0	0	0
Styrene	0.04991	0.0050	0.05	0	99.8	70	130	0	0	0	0	0
Tetrachloroethene	0.04475	0.0050	0.05	0	89.5	70	130	0	0	0	0	0
Toluene	0.05102	0.0050	0.05	0	102	70	130	0	0	0	0	0
trans-1,2-Dichloroethene	0.05072	0.0050	0.05	0	101	70	130	0	0	0	0	0
trans-1,3-Dichloropropene	0.05629	0.0020	0.05	0	113	70	130	0	0	0	0	0
Trichloroethene	0.05212	0.0050	0.05	0	104	70	130	0	0	0	0	0
Vinyl chloride	0.05331	0.0050	0.05	0	107	70	130	0	0	0	0	0
Xylenes, Total	0.1483	0.015	0.15	0	98.9	70	130	0	0	0	0	0

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range	
* - Non Accredited Parameter	H/HT - Holding Time Exceeded		

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### GCMS Volatiles

**BatchID: R132014**

Sample ID: <b>VLCSD051117-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/11/2017</b>	Analysis Date: <b>VOA-2_170511A</b>	Run ID:	SeqNo: <b>3648168</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.05326	0.0050	0.05	0	107	70	130	0.05216	2.09	20	
1,1,2,2-Tetrachloroethane	0.05256	0.0050	0.05	0	105	70	130	0.0533	1.40	20	
1,1,2-Trichloroethane	0.05228	0.0050	0.05	0	105	70	130	0.0521	0.345	20	
1,1-Dichloroethane	0.05372	0.0050	0.05	0	107	70	130	0.05479	1.97	20	
1,1-Dichloroethene	0.04511	0.0050	0.05	0	90.2	70	130	0.04663	3.31	20	
1,2-Dichloroethane	0.05663	0.0050	0.05	0	113	70	130	0.05661	0.0353	20	
1,2-Dichloropropane	0.05455	0.0050	0.05	0	109	70	130	0.05273	3.39	20	
2-Butanone	0.1178	0.075	0.1	0	118	50	150	0.1206	2.37	20	
2-Hexanone	0.1133	0.020	0.1	0	113	50	150	0.1166	2.87	20	
4-Methyl-2-pentanone	0.1205	0.020	0.1	0	120	50	150	0.1223	1.50	20	
Acetone	0.1135	0.075	0.1	0	113	50	150	0.1144	0.764	20	
Benzene	0.05157	0.0050	0.05	0	103	70	130	0.05057	1.96	20	
Bromodichloromethane	0.05507	0.0050	0.05	0	110	70	130	0.05409	1.80	20	
Bromoform	0.05035	0.0050	0.05	0	101	70	130	0.05009	0.518	20	
Bromomethane	0.05001	0.010	0.05	0	100	50	150	0.04596	8.44	20	
Carbon disulfide	0.1383	0.050	0.1	0	138	70	130	0.1379	0.297	20	S
Carbon tetrachloride	0.05176	0.0050	0.05	0	104	70	130	0.05222	0.885	20	
Chlorobenzene	0.05034	0.0050	0.05	0	101	70	130	0.05017	0.338	20	
Chloroethane	0.04917	0.010	0.05	0	98.3	70	130	0.05077	3.20	20	
Chloroform	0.05649	0.0050	0.05	0	113	70	130	0.05618	0.550	20	
Chloromethane	0.045	0.010	0.05	0	90	70	130	0.04788	6.20	20	
cis-1,2-Dichloroethene	0.05374	0.0050	0.05	0	107	70	130	0.05293	1.52	20	
cis-1,3-Dichloropropene	0.05603	0.0020	0.05	0	112	70	130	0.05491	2.02	20	
Dibromochloromethane	0.05145	0.0050	0.05	0	103	70	130	0.05096	0.957	20	
Ethylbenzene	0.04912	0.0050	0.05	0	98.2	70	130	0.04916	0.0814	20	
Methyl tert-butyl ether	0.0628	0.0050	0.05	0	126	70	130	0.06142	2.22	20	
Methylene chloride	0.04948	0.010	0.05	0	99	70	130	0.04845	2.10	20	
Styrene	0.04948	0.0050	0.05	0	99	70	130	0.04991	0.865	20	
Tetrachloroethene	0.04464	0.0050	0.05	0	89.3	70	130	0.04475	0.246	20	
Toluene	0.05257	0.0050	0.05	0	105	70	130	0.05102	2.99	20	
trans-1,2-Dichloroethene	0.05081	0.0050	0.05	0	102	70	130	0.05072	0.177	20	
trans-1,3-Dichloropropene	0.05693	0.0020	0.05	0	114	70	130	0.05629	1.13	20	
Trichloroethene	0.05303	0.0050	0.05	0	106	70	130	0.05212	1.73	20	
Vinyl chloride	0.05297	0.0050	0.05	0	106	70	130	0.05331	0.640	20	
Xylenes, Total	0.1478	0.015	0.15	0	98.5	70	130	0.1483	0.392	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131899**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3643914	BFB050517-4	TUNE	BFB_624	R131899	1	05/05/2017 08:37
3643915	VSTD050	CCV	VOC_W+	R131899	1	05/05/2017 10:47
3643916	VBLK050517-4	MBLK	VOC_W+	R131899	1	05/05/2017 11:25
3643918	VLCS050517-4	LCS	VOC_W+	R131899	1	05/05/2017 12:03
3643919	VLCSD050517-4	LCSD	VOC_W+	R131899	1	05/05/2017 12:42
3643920	TBLK050317	MBLK	VOC_TCLP+	R131899	10	05/05/2017 13:20
3643921	17050131-001A	SAMP	VOC_TCLP	R131899	10	05/05/2017 13:57
3643922	17041005-006A	SAMP	VOC_W	R131899	10	05/05/2017 14:35
3643923	17041005-002A	SAMP	VOC_W	R131899	1	05/05/2017 15:13
3643925	17041005-006A	SAMP	VOC_W	R131899	1	05/05/2017 15:50
3643926	ZBLK050317	MBLK	VOC_TCLP+	R131899	10	05/05/2017 17:06
3643927	17050103-001A	SAMP	VOC_TCLP	R131899	10	05/05/2017 17:44
3643928	17050170-009A	SAMP	VOC_W	R131899	1	05/05/2017 18:22
3643929	17050094-024A	SAMP	VOC_W	R131899	1	05/05/2017 19:00
3643931	17050094-025A	SAMP	VOC_W	R131899	1	05/05/2017 19:38
3643933	17050094-026A	SAMP	VOC_W	R131899	1	05/05/2017 20:16

**QC SUMMARY**

Sample ID: <b>VBLK050517-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>VOA-4_170505A</b>	SeqNo: <b>3643916</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		ND	0.0050										
1,1,2,2-Tetrachloroethane		ND	0.0050										
1,1,2-Trichloroethane		ND	0.0050										
1,1-Dichloroethane		ND	0.0050										
1,1-Dichloroethene		ND	0.0050										
1,2-Dichloroethane		ND	0.0050										
1,2-Dichloropropane		ND	0.0050										
2-Butanone		ND	0.020										
2-Hexanone		ND	0.020										
4-Methyl-2-pentanone		ND	0.020										
Acetone		ND	0.020										
Benzene		ND	0.0050										
Bromodichloromethane		ND	0.0050										
Bromoform		ND	0.0050										
Bromomethane		ND	0.010										
Carbon disulfide		0.00056	0.010										J
Carbon tetrachloride		ND	0.0050										
Chlorobenzene		ND	0.0050										
Chloroethane		ND	0.010										
Chloroform		ND	0.0050										
Chloromethane		ND	0.010										
cis-1,2-Dichloroethene		ND	0.0050										
cis-1,3-Dichloropropene		ND	0.0010										
Dibromochloromethane		ND	0.0050										
Ethylbenzene		0.00037	0.0050										J
Methyl tert-butyl ether		ND	0.0050										
Methylene chloride		0.00041	0.0050										J
Styrene		ND	0.0050										

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

**GCMS Volatiles**

**BatchID: R131899**

Sample ID: <b>VBLK050517-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>VOA-4_170505A</b>	Run ID:	SeqNo: <b>3643916</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Tetrachloroethene		ND	0.0050									
Toluene		ND	0.0050									
trans-1,2-Dichloroethene		ND	0.0050									
trans-1,3-Dichloropropene		ND	0.0010									
Trichloroethene		ND	0.0050									
Vinyl chloride		ND	0.0020									
Xylenes, Total		ND	0.015									

Sample ID: <b>VLCS050517-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>VOA-4_170505A</b>	Run ID:	SeqNo: <b>3643918</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.02068	0.0050	0.02	0	103	70	130	0	0		
1,1,2,2-Tetrachloroethane		0.02285	0.0050	0.02	0	114	70	130	0	0		
1,1,2-Trichloroethane		0.02294	0.0050	0.02	0	115	70	130	0	0		
1,1-Dichloroethane		0.02104	0.0050	0.02	0	105	70	130	0	0		
1,1-Dichloroethene		0.01907	0.0050	0.02	0	95.4	70	130	0	0		
1,2-Dichloroethane		0.02158	0.0050	0.02	0	108	70	130	0	0		
1,2-Dichloropropane		0.02238	0.0050	0.02	0	112	70	130	0	0		
2-Butanone		0.04812	0.020	0.04	0	120	50	150	0	0		
2-Hexanone		0.04724	0.020	0.04	0	118	50	150	0	0		
4-Methyl-2-pentanone		0.04783	0.020	0.04	0	120	50	150	0	0		
Acetone		0.06849	0.020	0.04	0.0872	-46.8	50	150	0	0	S	
Benzene		0.02182	0.0050	0.02	0.0034	92.1	70	130	0	0		
Bromodichloromethane		0.02116	0.0050	0.02	0	106	70	130	0	0		
Bromoform		0.02098	0.0050	0.02	0	105	70	130	0	0		
Bromomethane		0.02327	0.010	0.02	0	116	50	150	0	0		
Carbon disulfide		0.05852	0.010	0.04	0.0105	120	70	130	0	0		
Carbon tetrachloride		0.02104	0.0050	0.02	0	105	70	130	0	0		
Chlorobenzene		0.02046	0.0050	0.02	0	102	70	130	0	0		
Chloroethane		0.02342	0.010	0.02	0	117	70	130	0	0		
Chloroform		0.01983	0.0050	0.02	0	99.2	70	130	0	0		
Chloromethane		0.02081	0.010	0.02	0	104	70	130	0	0		
cis-1,2-Dichloroethene		0.02062	0.0050	0.02	0	103	70	130	0	0		
cis-1,3-Dichloropropene		0.01985	0.0010	0.02	0	99.2	70	130	0	0		
Dibromochloromethane		0.01921	0.0050	0.02	0	96	70	130	0	0		
Ethylbenzene		0.02108	0.0050	0.02	0.0045	82.9	70	130	0	0		
Methyl tert-butyl ether		0.02467	0.0050	0.02	0	123	70	130	0	0		
Methylene chloride		0.02098	0.0050	0.02	0.0051	79.4	70	130	0	0		
Styrene		0.02038	0.0050	0.02	0	102	70	130	0	0		
Tetrachloroethene		0.02021	0.0050	0.02	0	101	70	130	0	0		
Toluene		0.02114	0.0050	0.02	0	106	70	130	0	0		
trans-1,2-Dichloroethene		0.0186	0.0050	0.02	0	93	70	130	0	0		
trans-1,3-Dichloropropene		0.02071	0.0010	0.02	0	104	70	130	0	0		
Trichloroethene		0.02065	0.0050	0.02	0	103	70	130	0	0		
Vinyl chloride		0.02251	0.0020	0.02	0	113	70	130	0	0		
Xylenes, Total		0.06259	0.015	0.06	0	104	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 \* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### GCMS Volatiles

**BatchID: R131899**

Sample ID: <b>VLCSD050517-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/5/2017</b>	Analysis Date:		Run ID: <b>VOA-4_170505A</b>		SeqNo: <b>3643919</b>
						SPK Ref Val	% REC	Low Limit	High Limit	
1,1,1-Trichloroethane			0.02026	0.0050	0.02	0	101	70	130	0.02068 2.05 20
1,1,2,2-Tetrachloroethane			0.02256	0.0050	0.02	0	113	70	130	0.02285 1.28 20
1,1,2-Trichloroethane			0.02051	0.0050	0.02	0	103	70	130	0.02294 11.2 20
1,1-Dichloroethane			0.01936	0.0050	0.02	0	96.8	70	130	0.02104 8.32 20
1,1-Dichloroethene			0.01732	0.0050	0.02	0	86.6	70	130	0.01907 9.62 20
1,2-Dichloroethane			0.02214	0.0050	0.02	0	111	70	130	0.02158 2.56 20
1,2-Dichloropropane			0.02235	0.0050	0.02	0	112	70	130	0.02238 0.134 20
2-Butanone			0.0439	0.020	0.04	0	110	50	150	0.04812 9.17 20
2-Hexanone			0.04734	0.020	0.04	0	118	50	150	0.04724 0.211 20
4-Methyl-2-pentanone			0.04707	0.020	0.04	0	118	50	150	0.04783 1.60 20
Acetone			0.06732	0.020	0.04	0.0872	-49.7	50	150	0.06849 1.72 20 S
Benzene			0.02116	0.0050	0.02	0.0034	88.8	70	130	0.02182 3.07 20
Bromodichloromethane			0.02048	0.0050	0.02	0	102	70	130	0.02116 3.27 20
Bromoform			0.02096	0.0050	0.02	0	105	70	130	0.02098 0.0954 20
Bromomethane			0.02213	0.010	0.02	0	111	50	150	0.02327 5.02 20
Carbon disulfide			0.05476	0.010	0.04	0.0105	111	70	130	0.05852 6.64 20
Carbon tetrachloride			0.02039	0.0050	0.02	0	102	70	130	0.02104 3.14 20
Chlorobenzene			0.02022	0.0050	0.02	0	101	70	130	0.02046 1.18 20
Chloroethane			0.02265	0.010	0.02	0	113	70	130	0.02342 3.34 20
Chloroform			0.01811	0.0050	0.02	0	90.6	70	130	0.01983 9.07 20
Chloromethane			0.02069	0.010	0.02	0	103	70	130	0.02081 0.578 20
cis-1,2-Dichloroethene			0.01849	0.0050	0.02	0	92.4	70	130	0.02062 10.9 20
cis-1,3-Dichloropropene			0.0193	0.0010	0.02	0	96.5	70	130	0.01985 2.81 20
Dibromochloromethane			0.01923	0.0050	0.02	0	96.2	70	130	0.01921 0.104 20
Ethylbenzene			0.0203	0.0050	0.02	0.0045	79	70	130	0.02108 3.77 20
Methyl tert-butyl ether			0.02312	0.0050	0.02	0	116	70	130	0.02467 6.49 20
Methylene chloride			0.01941	0.0050	0.02	0.0051	71.6	70	130	0.02098 7.77 20
Styrene			0.02027	0.0050	0.02	0	101	70	130	0.02038 0.541 20
Tetrachloroethene			0.01865	0.0050	0.02	0	93.2	70	130	0.02021 8.03 20
Toluene			0.02022	0.0050	0.02	0	101	70	130	0.02114 4.45 20
trans-1,2-Dichloroethene			0.01738	0.0050	0.02	0	86.9	70	130	0.0186 6.78 20
trans-1,3-Dichloropropene			0.02057	0.0010	0.02	0	103	70	130	0.02071 0.678 20
Trichloroethene			0.01981	0.0050	0.02	0	99.1	70	130	0.02065 4.15 20
Vinyl chloride			0.02109	0.0020	0.02	0	105	70	130	0.02251 6.51 20
Xylenes, Total			0.06194	0.015	0.06	0	103	70	130	0.06259 1.04 20

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 \* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
 E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131953**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3645729	BFB050917-4	TUNE	BFB_624	R131953	1	05/09/2017 09:04
3645730	VSTD050	CCV	VOC_W+	R131953	1	05/09/2017 10:05
3645731	VBLK050917-4	MBLK	VOC_W+	R131953	1	05/09/2017 10:42
3645732	VLCS050917-4	LCS	VOC_W+	R131953	1	05/09/2017 11:19
3645733	VLCSD050917-4	LCSD	VOC_W+	R131953	1	05/09/2017 11:56
3645734	17050094-024A	SAMP	VOC_W	R131953	1	05/09/2017 13:03
3645735	17050145-001A	SAMP	BTEX_W-MS	R131953	1	05/09/2017 13:40
3645736	17050147-023A	SAMP	BTEX_W-MS	R131953	1	05/09/2017 14:17
3646389	17050147-021A	SAMP	VOC_W	R131953	1	05/09/2017 14:55
3646390	17050147-021A	SAMP	VOC_W+	R131953	1	05/09/2017 14:55
3646391	17050147-021AMS	MS	VOC_W+	R131953	1	05/09/2017 15:31
3646392	17050147-021AMSD	MSD	VOC_W+	R131953	1	05/09/2017 16:07
3646393	17050147-019A	SAMP	VOC_W	R131953	1	05/09/2017 16:43
3646394	17050147-020A	SAMP	VOC_W	R131953	1	05/09/2017 17:18
3646395	17050147-022A	SAMP	VOC_W	R131953	1	05/09/2017 17:54
3646396	17050094-024A	SAMP	VOC_W	R131953	10	05/09/2017 18:29

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>VBLK050917-4</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8260B</b>		<b>5/9/2017</b>	<b>VOA-4_170509A</b>	<b>3645731</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

1,1,1-Trichloroethane	ND	0.0050	J
1,1,2,2-Tetrachloroethane	ND	0.0050	
1,1,2-Trichloroethane	ND	0.0050	
1,1-Dichloroethane	ND	0.0050	
1,1-Dichloroethene	ND	0.0050	
1,2-Dichloroethane	ND	0.0050	
1,2-Dichloropropane	ND	0.0050	
2-Butanone	ND	0.020	
2-Hexanone	ND	0.020	
4-Methyl-2-pentanone	ND	0.020	
Acetone	0.00617	0.020	
Benzene	ND	0.0050	
Bromodichloromethane	ND	0.0050	
Bromoform	ND	0.0050	
Bromomethane	ND	0.010	
Carbon disulfide	ND	0.010	
Carbon tetrachloride	ND	0.0050	
Chlorobenzene	ND	0.0050	
Chloroethane	ND	0.010	
Chloroform	ND	0.0050	
Chloromethane	ND	0.010	
cis-1,2-Dichloroethene	ND	0.0050	
cis-1,3-Dichloropropene	ND	0.0010	
Dibromochloromethane	ND	0.0050	
Ethylbenzene	ND	0.0050	
Methyl tert-butyl ether	ND	0.0050	
Methylene chloride	ND	0.0050	
Styrene	ND	0.0050	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131953**

Sample ID: <b>VBLK050917-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3645731</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Tetrachloroethene		ND	0.0050									
Toluene		ND	0.0050									
trans-1,2-Dichloroethene		ND	0.0050									
trans-1,3-Dichloropropene		ND	0.0010									
Trichloroethene		ND	0.0050									
Vinyl chloride		ND	0.0020									
Xylenes, Total		ND	0.015									

Sample ID: <b>VLCS050917-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3645732</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.02051	0.0050	0.02	0	103	70	130	0	0		
1,1,2,2-Tetrachloroethane		0.02092	0.0050	0.02	0	105	70	130	0	0		
1,1,2-Trichloroethane		0.02064	0.0050	0.02	0	103	70	130	0	0		
1,1-Dichloroethane		0.02084	0.0050	0.02	0	104	70	130	0	0		
1,1-Dichloroethene		0.01906	0.0050	0.02	0	95.3	70	130	0	0		
1,2-Dichloroethane		0.02174	0.0050	0.02	0	109	70	130	0	0		
1,2-Dichloropropane		0.02259	0.0050	0.02	0	113	70	130	0	0		
2-Butanone		0.04362	0.020	0.04	0	109	50	150	0	0		
2-Hexanone		0.0436	0.020	0.04	0	109	50	150	0	0		
4-Methyl-2-pentanone		0.04505	0.020	0.04	0	113	50	150	0	0		
Acetone		0.0628	0.020	0.04	0.00617	142	50	150	0	0		
Benzene		0.02106	0.0050	0.02	0	105	70	130	0	0		
Bromodichloromethane		0.02065	0.0050	0.02	0	103	70	130	0	0		
Bromoform		0.01979	0.0050	0.02	0	99	70	130	0	0		
Bromomethane		0.02395	0.010	0.02	0	120	50	150	0	0		
Carbon disulfide		0.05782	0.010	0.04	0	145	70	130	0	0	S	
Carbon tetrachloride		0.02047	0.0050	0.02	0	102	70	130	0	0		
Chlorobenzene		0.02019	0.0050	0.02	0	101	70	130	0	0		
Chloroethane		0.02508	0.010	0.02	0	125	70	130	0	0		
Chloroform		0.01955	0.0050	0.02	0	97.8	70	130	0	0		
Chloromethane		0.02442	0.010	0.02	0	122	70	130	0	0		
cis-1,2-Dichloroethene		0.02022	0.0050	0.02	0	101	70	130	0	0		
cis-1,3-Dichloropropene		0.01925	0.0010	0.02	0	96.2	70	130	0	0		
Dibromochloromethane		0.01808	0.0050	0.02	0	90.4	70	130	0	0		
Ethylbenzene		0.02036	0.0050	0.02	0	102	70	130	0	0		
Methyl tert-butyl ether		0.02382	0.0050	0.02	0	119	70	130	0	0		
Methylene chloride		0.02025	0.0050	0.02	0	103	70	130	0	0		
Styrene		0.02003	0.0050	0.02	0	100	70	130	0	0		
Tetrachloroethene		0.01885	0.0050	0.02	0	94.2	70	130	0	0		
Toluene		0.0206	0.0050	0.02	0	103	70	130	0	0		
trans-1,2-Dichloroethene		0.01906	0.0050	0.02	0	95.3	70	130	0	0		
trans-1,3-Dichloropropene		0.01968	0.0010	0.02	0	98.4	70	130	0	0		
Trichloroethene		0.0194	0.0050	0.02	0	97	70	130	0	0		
Vinyl chloride		0.0226	0.0020	0.02	0	113	70	130	0	0		
Xylenes, Total		0.06189	0.015	0.06	0	103	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131953**

Sample ID: <b>VLCSD050917-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3645733</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0196	0.0050	0.02	0	98	70	130	0.02051	4.54	20	
1,1,2,2-Tetrachloroethane		0.02071	0.0050	0.02	0	104	70	130	0.02092	1.01	20	
1,1,2-Trichloroethane		0.02019	0.0050	0.02	0	101	70	130	0.02064	2.20	20	
1,1-Dichloroethane		0.01984	0.0050	0.02	0	99.2	70	130	0.02084	4.92	20	
1,1-Dichloroethene		0.01865	0.0050	0.02	0	93.2	70	130	0.01906	2.17	20	
1,2-Dichloroethane		0.02201	0.0050	0.02	0	110	70	130	0.02174	1.23	20	
1,2-Dichloropropane		0.02093	0.0050	0.02	0	105	70	130	0.02259	7.63	20	
2-Butanone		0.04414	0.020	0.04	0	110	50	150	0.04362	1.19	20	
2-Hexanone		0.04273	0.020	0.04	0	107	50	150	0.0436	2.02	20	
4-Methyl-2-pentanone		0.0447	0.020	0.04	0	112	50	150	0.04505	0.780	20	
Acetone		0.06697	0.020	0.04	0.00617	152	50	150	0.0628	6.43	20	
Benzene		0.02069	0.0050	0.02	0	103	70	130	0.02106	1.77	20	
Bromodichloromethane		0.02025	0.0050	0.02	0	101	70	130	0.02065	1.96	20	
Bromoform		0.01925	0.0050	0.02	0	96.2	70	130	0.01979	2.77	20	
Bromomethane		0.0237	0.010	0.02	0	119	50	150	0.02395	1.05	20	
Carbon disulfide		0.05562	0.010	0.04	0	139	70	130	0.05782	3.88	20	
Carbon tetrachloride		0.01959	0.0050	0.02	0	98	70	130	0.02047	4.39	20	
Chlorobenzene		0.01947	0.0050	0.02	0	97.4	70	130	0.02019	3.63	20	
Chloroethane		0.02421	0.010	0.02	0	121	70	130	0.02508	3.53	20	
Chloroform		0.01912	0.0050	0.02	0	95.6	70	130	0.01955	2.22	20	
Chloromethane		0.02294	0.010	0.02	0	115	70	130	0.02442	6.25	20	
cis-1,2-Dichloroethene		0.0189	0.0050	0.02	0	94.5	70	130	0.02022	6.75	20	
cis-1,3-Dichloropropene		0.01911	0.0010	0.02	0	95.6	70	130	0.01925	0.730	20	
Dibromochloromethane		0.01867	0.0050	0.02	0	93.4	70	130	0.01808	3.21	20	
Ethylbenzene		0.0202	0.0050	0.02	0	101	70	130	0.02036	0.789	20	
Methyl tert-butyl ether		0.02401	0.0050	0.02	0	120	70	130	0.02382	0.794	20	
Methylene chloride		0.02043	0.0050	0.02	0	102	70	130	0.0205	0.342	20	
Styrene		0.01997	0.0050	0.02	0	99.8	70	130	0.02003	0.300	20	
Tetrachloroethene		0.01884	0.0050	0.02	0	94.2	70	130	0.01885	0.0531	20	
Toluene		0.0206	0.0050	0.02	0	103	70	130	0.0206	0	20	
trans-1,2-Dichloroethene		0.0186	0.0050	0.02	0	93	70	130	0.01906	2.44	20	
trans-1,3-Dichloropropene		0.01938	0.0010	0.02	0	96.9	70	130	0.01968	1.54	20	
Trichloroethene		0.01907	0.0050	0.02	0	95.4	70	130	0.0194	1.72	20	
Vinyl chloride		0.02048	0.0020	0.02	0	102	70	130	0.0226	9.84	20	
Xylenes, Total		0.06099	0.015	0.06	0	102	70	130	0.06189	1.46	20	

Sample ID: <b>17050147-021AMS</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3646391</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0197	0.0050	0.02	0	98.5	70	130	0	0		
1,1,2,2-Tetrachloroethane		0.02147	0.0050	0.02	0	107	70	130	0	0		
1,1,2-Trichloroethane		0.02023	0.0050	0.02	0	101	70	130	0	0		
1,1-Dichloroethane		0.02109	0.0050	0.02	0	105	70	130	0	0		
1,1-Dichloroethene		0.01985	0.0050	0.02	0	99.2	70	130	0	0		
1,2-Dichloroethane		0.02123	0.0050	0.02	0	106	70	130	0	0		
1,2-Dichloropropane		0.02067	0.0050	0.02	0	103	70	130	0	0		
2-Butanone		0.04745	0.020	0.04	0	119	50	150	0	0		
2-Hexanone		0.0447	0.020	0.04	0	112	50	150	0	0		
4-Methyl-2-pentanone		0.04454	0.020	0.04	0	111	50	150	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
\* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131953**

Sample ID: 17050147-021AMS	Customer ID: ZZZZZ	SampType: MS	Units: mg/L	TestNo: SW8260B	Prep Date: 5/9/2017	Analysis Date: 5/9/2017	Run ID: VOA-4_170509A	SeqNo: 3646391				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acetone		0.05548	0.020	0.04	0.00943	115	50	150	0	0		
Benzene		0.02063	0.0050	0.02	0	103	70	130	0	0		
Bromodichloromethane		0.01824	0.0050	0.02	0	91.2	70	130	0	0		
Bromoform		0.01473	0.0050	0.02	0	73.6	70	130	0	0		
Bromomethane		0.02226	0.010	0.02	0	113	50	150	0	0		
Carbon disulfide		0.05622	0.010	0.04	0	141	70	130	0	0	S	
Carbon tetrachloride		0.01946	0.0050	0.02	0	97.3	70	130	0	0		
Chlorobenzene		0.01971	0.0050	0.02	0	98.6	70	130	0	0		
Chloroethane		0.02448	0.010	0.02	0	122	70	130	0	0		
Chloroform		0.01972	0.0050	0.02	0	98.6	70	130	0	0		
Chloromethane		0.02286	0.010	0.02	0	114	70	130	0	0		
cis-1,2-Dichloroethene		0.02033	0.0050	0.02	0	102	70	130	0	0		
cis-1,3-Dichloropropene		0.01386	0.0010	0.02	0	69.3	70	130	0	0	S	
Dibromochloromethane		0.01565	0.0050	0.02	0	78.2	70	130	0	0		
Ethylbenzene		0.01972	0.0050	0.02	0	98.6	70	130	0	0		
Methyl tert-butyl ether		0.02595	0.0050	0.02	0.00176	121	70	130	0	0		
Methylene chloride		0.0207	0.0050	0.02	0	104	70	130	0	0		
Styrene		0.01938	0.0050	0.02	0	96.9	70	130	0	0		
Tetrachloroethene		0.01885	0.0050	0.02	0	94.2	70	130	0	0		
Toluene		0.02023	0.0050	0.02	0	101	70	130	0	0		
trans-1,2-Dichloroethene		0.01903	0.0050	0.02	0	95.2	70	130	0	0		
trans-1,3-Dichloropropene		0.01452	0.0010	0.02	0	72.6	70	130	0	0		
Trichloroethene		0.01919	0.0050	0.02	0	96	70	130	0	0		
Vinyl chloride		0.02338	0.0020	0.02	0	117	70	130	0	0		
Xylenes, Total		0.06074	0.015	0.06	0	101	70	130	0	0		

Sample ID: 17050147-021AMSD	Customer ID: ZZZZZ	SampType: MSD	Units: mg/L	TestNo: SW8260B	Prep Date: 5/9/2017	Analysis Date: 5/9/2017	Run ID: VOA-4_170509A	SeqNo: 3646392				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.01992	0.0050	0.02	0	99.6	70	130	0.0197	1.11	20	
1,1,2,2-Tetrachloroethane		0.02127	0.0050	0.02	0	106	70	130	0.02147	0.936	20	
1,1,2-Trichloroethane		0.01984	0.0050	0.02	0	99.2	70	130	0.02023	1.95	20	
1,1-Dichloroethane		0.02014	0.0050	0.02	0	101	70	130	0.02109	4.61	20	
1,1-Dichloroethene		0.01926	0.0050	0.02	0	96.3	70	130	0.01985	3.02	20	
1,2-Dichloroethane		0.02151	0.0050	0.02	0	108	70	130	0.02123	1.31	20	
1,2-Dichloropropane		0.02097	0.0050	0.02	0	105	70	130	0.02067	1.44	20	
2-Butanone		0.04189	0.020	0.04	0	105	50	150	0.04745	12.4	20	
2-Hexanone		0.04312	0.020	0.04	0	108	50	150	0.04447	3.60	20	
4-Methyl-2-pentanone		0.04545	0.020	0.04	0	114	50	150	0.04454	2.02	20	
Acetone		0.05792	0.020	0.04	0.00943	121	50	150	0.05548	4.30	20	
Benzene		0.02095	0.0050	0.02	0	105	70	130	0.02063	1.54	20	
Bromodichloromethane		0.01857	0.0050	0.02	0	92.8	70	130	0.01824	1.79	20	
Bromoform		0.01333	0.0050	0.02	0	66.7	70	130	0.01473	9.98	20	
Bromomethane		0.02343	0.010	0.02	0	117	50	150	0.0226	3.61	20	
Carbon disulfide		0.05395	0.010	0.04	0	135	70	130	0.05622	4.12	20	
Carbon tetrachloride		0.01933	0.0050	0.02	0	96.6	70	130	0.01946	0.670	20	
Chlorobenzene		0.01932	0.0050	0.02	0	96.6	70	130	0.01971	2.00	20	
Chloroethane		0.02499	0.010	0.02	0	125	70	130	0.02448	2.06	20	
Chloroform		0.01879	0.0050	0.02	0	94	70	130	0.01972	4.83	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GCMS Volatiles

BatchID: R131953

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
		MSD	mg/L	SW8260B	5/9/2017		VOA-4_170509A	3646392				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane		0.02258	0.010	0.02	0	113	70	130	0.02286	1.23	20	
cis-1,2-Dichloroethene		0.01923	0.0050	0.02	0	96.2	70	130	0.02033	5.56	20	
cis-1,3-Dichloropropene		0.01457	0.0010	0.02	0	72.8	70	130	0.01386	4.99	20	
Dibromochloromethane		0.01515	0.0050	0.02	0	75.8	70	130	0.01565	3.25	20	
Ethylbenzene		0.01931	0.0050	0.02	0	96.6	70	130	0.01972	2.10	20	
Methyl tert-butyl ether		0.02557	0.0050	0.02	0.00176	119	70	130	0.02595	1.48	20	
Methylene chloride		0.01972	0.0050	0.02	0	98.6	70	130	0.0207	4.85	20	
Styrene		0.01862	0.0050	0.02	0	93.1	70	130	0.01938	4.00	20	
Tetrachloroethene		0.01831	0.0050	0.02	0	91.6	70	130	0.01885	2.91	20	
Toluene		0.02015	0.0050	0.02	0	101	70	130	0.02023	0.396	20	
trans-1,2-Dichloroethene		0.01845	0.0050	0.02	0	92.2	70	130	0.01903	3.09	20	
trans-1,3-Dichloropropene		0.01489	0.0010	0.02	0	74.4	70	130	0.01452	2.52	20	
Trichloroethene		0.01909	0.0050	0.02	0	95.5	70	130	0.01919	0.522	20	
Vinyl chloride		0.02283	0.0020	0.02	0	114	70	130	0.02338	2.38	20	
Xylenes, Total		0.05902	0.015	0.06	0	98.4	70	130	0.06074	2.87	20	

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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	*	B - Analyte detected in the associated Method Blank
		E - Value above quantitation range
		H/HT - Holding Time Exceeded

# STAT Analysis Corporation

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Test No:** SW8270C      **Matrix:** S

## QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-100292-SVOC	95.5	95.0	102	111	92.9	101	93.9	100
LCS-100292-SVOC	104	104	110	114	99.8	109	101	102
17050094-001B	66.5	80.0	85.8	34.7	54.6	78.7	81.5	84.9
17050094-002B	85.8	85.5	91.8	101	82.8	90.5	83.6	88.2
17050094-004B	73.1	71.3	76.2	92.8	69.7	80.0	74.6	80.7
17050094-006B	75.4	73.6	79.2	98.5	71.9	82.1	76.9	86.8
17050094-008B	67.3	67.5	73.9	86.4	64.0	71.5	69.1	71.5
17050094-010B	60.1	62.0	67.1	39.4	53.3	66.2	64.7	73.6
17050094-012B	63.2	62.7	69.3	79.8	56.5	68.0	69.0	76.7
17050094-014B	57.5	56.7	60.2	68.3	53.9	61.9	60.0	61.9
17050094-016B	77.4	76.6	80.4	87.0	73.4	82.0	78.6	81.3
17050094-018B	82.4	80.9	84.1	98.2	78.4	87.2	84.1	93.4
17050094-020B	61.0	60.4	62.5	78.4	56.6	66.3	65.7	75.0
17050094-022B	79.0	77.6	81.2	94.9	74.2	84.9	81.0	87.6
17050094-022BMS	87.8	86.7	93.1	101	83.8	92.0	88.8	90.9
17050094-022BMSD	97.9	97.1	105	114	91.2	103	101	101

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	20-130
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PH246BR	= 2,4,6-Tribromophenol	19-122
PH2F	= 2-Fluorophenol	25-121
PHD5	= Phenol-d5	24-113
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100292**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100292-SVOC			0.03	0	0	1	33.333	5/6/2017	5/6/2017
LCS-100292-SVOC			0.03	0	0	1	33.333	5/6/2017	5/6/2017
17040785-004B	Soil		0.03029	0	0	1	33.014	5/6/2017	5/6/2017
17050088-001A	Soil		0.03048	0	0	1	32.808	5/6/2017	5/6/2017
17050092-004B	Soil		0.03027	0	0	1	33.036	5/6/2017	5/6/2017
17050092-005B	Soil		0.03035	0	0	1	32.949	5/6/2017	5/6/2017
17050092-006B	Soil		0.03039	0	0	1	32.906	5/6/2017	5/6/2017
17050094-001B	Soil		0.03008	0	0	1	33.245	5/6/2017	5/6/2017
17050094-002B	Soil		0.03012	0	0	1	33.201	5/6/2017	5/6/2017
17050094-004B	Soil		0.03017	0	0	1	33.146	5/6/2017	5/6/2017
17050094-006B	Soil		0.03005	0	0	1	33.278	5/6/2017	5/6/2017
17050094-008B	Soil		0.0302	0	0	1	33.113	5/6/2017	5/6/2017
17050094-010B	Soil		0.03015	0	0	1	33.167	5/6/2017	5/6/2017
17050094-012B	Soil		0.03026	0	0	1	33.047	5/6/2017	5/6/2017
17050094-014B	Soil		0.0301	0	0	1	33.223	5/6/2017	5/6/2017
17050094-016B	Soil		0.03014	0	0	1	33.179	5/6/2017	5/6/2017
17050094-018B	Soil		0.03019	0	0	1	33.124	5/6/2017	5/6/2017
17050094-020B	Soil		0.03025	0	0	1	33.058	5/6/2017	5/6/2017
17050094-022B	Soil		0.03022	0	0	1	33.091	5/6/2017	5/6/2017
17050094-022BMS	Soil		0.03022	0	0	1	33.091	5/6/2017	5/6/2017
17050094-022BMSD	Soil		0.03021	0	0	1	33.102	5/6/2017	5/6/2017
17050130-001B	Soil		0.0304	0	0	1	32.895	5/6/2017	5/6/2017
17050220-001B	Soil		0.03018	0	0	1	33.135	5/6/2017	5/6/2017
17050221-001B	Soil		0.03033	0	0	1	32.971	5/6/2017	5/6/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>MB-100292-SVOC</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8270C</b>	<b>5/6/2017</b>	<b>5/8/2017</b>	<b>SVOC-9_170508A</b>	<b>3645251</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Acenaphthene	ND	0.033
Acenaphthylene	ND	0.033
Aniline	ND	0.33
Anthracene	ND	0.033
Benz(a)anthracene	ND	0.033
Benzidine	ND	0.33
Benzo(a)pyrene	ND	0.033
Benzo(b)fluoranthene	ND	0.033
Benzo(g,h,i)perylene	ND	0.033
Benzo(k)fluoranthene	ND	0.033
Benzoic acid	ND	0.83
Benzyl alcohol	ND	0.17
Bis(2-chloroethoxy)methane	ND	0.17
Bis(2-chloroethyl)ether	ND	0.17
Bis(2-ethylhexyl)phthalate	ND	0.83
4-Bromophenyl phenyl ether	ND	0.17
Butyl benzyl phthalate	ND	0.17
Carbazole	ND	0.17
4-Chloroaniline	ND	0.17

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

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R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100292**

Sample ID: <b>MB-100292-SVOC</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW8270C</b>	Prep Date: <b>5/6/2017</b>	Analysis Date: <b>5/8/2017</b>	Run ID: <b>SVOC-9_170508A</b>	SeqNo: <b>3645251</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
4-Chloro-3-methylphenol		ND		0.33								
2-Chloronaphthalene		ND		0.17								
2-Chlorophenol		ND		0.17								
4-Chlorophenyl phenyl ether		ND		0.17								
Chrysene		ND		0.033								
Dibenz(a,h)anthracene		ND		0.033								
Dibenzofuran		ND		0.17								
1,2-Dichlorobenzene		ND		0.17								
1,3-Dichlorobenzene		ND		0.17								
1,4-Dichlorobenzene		ND		0.17								
3,3'-Dichlorobenzidine		ND		0.17								
2,4-Dichlorophenol		ND		0.17								
Diethyl phthalate		ND		0.17								
2,4-Dimethylphenol		ND		0.17								
Dimethyl phthalate		ND		0.17								
4,6-Dinitro-2-methylphenol		ND		0.33								
2,4-Dinitrophenol		ND		0.83								
2,4-Dinitrotoluene		ND		0.033								
2,6-Dinitrotoluene		ND		0.033								
Di-n-butyl phthalate		ND		0.17								
Di-n-octyl phthalate		ND		0.17								
Fluoranthene		ND		0.033								
Fluorene		ND		0.033								
Hexachlorobenzene		ND		0.17								
Hexachlorobutadiene		ND		0.17								
Hexachlorocyclopentadiene		ND		0.17								
Hexachloroethane		ND		0.17								
Indeno(1,2,3-cd)pyrene		ND		0.033								
Isophorone		ND		0.17								
2-Methylnaphthalene		ND		0.17								
2-Methylphenol		ND		0.17								
4-Methylphenol		ND		0.17								
Naphthalene		ND		0.033								
2-Nitroaniline		ND		0.17								
3-Nitroaniline		ND		0.17								
4-Nitroaniline		ND		0.17								
2-Nitrophenol		ND		0.17								
4-Nitrophenol		ND		0.33								
Nitrobenzene		ND		0.033								
N-Nitrosodi-n-propylamine		ND		0.033								
N-Nitrosodimethylamine		ND		0.17								
N-Nitrosodiphenylamine		ND		0.17								
2, 2'-oxybis(1-Chloropropane)		ND		0.17								
Pentachlorophenol		ND		0.067								
Phenanthrene		ND		0.033								
Phenol		ND		0.17								
Pyrene		ND		0.033								
Pyridine		ND		0.67								
1,2,4-Trichlorobenzene		ND		0.17								

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B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100292**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100292-SVOC</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8270C</b>	<b>5/6/2017</b>	<b>5/8/2017</b>	<b>SVOC-9_170508A</b>	<b>3645251</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol		ND		0.17								
2,4,6-Trichlorophenol		ND		0.17								
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100292-SVOC</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8270C</b>	<b>5/6/2017</b>	<b>5/8/2017</b>	<b>SVOC-9_170508A</b>	<b>3645252</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthene		1.687	0.033	1.667	0	101	37	134	0	0		
4-Chloro-3-methylphenol		3.421	0.33	3.333	0	103	29	134	0	0		
2-Chlorophenol		3.415	0.17	3.333	0	102	29	105	0	0		
1,4-Dichlorobenzene		1.648	0.17	1.667	0	98.9	26	111	0	0		
2,4-Dinitrotoluene		1.694	0.033	1.667	0	102	46	125	0	0		
4-Nitrophenol		3.464	0.33	3.333	0	104	12	146	0	0		
N-Nitrosodi-n-propylamine		1.597	0.033	1.667	0	95.8	29	109	0	0		
Pentachlorophenol		3.68	0.067	3.333	0	110	10	192	0	0		
Phenol		3.452	0.17	3.333	0	104	27	104	0	0		
Pyrene		1.681	0.033	1.667	0	101	42	148	0	0		
1,2,4-Trichlorobenzene		1.686	0.17	1.667	0	101	55	106	0	0		
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMS</b>	<b>LS-SB-GP-20 / 4-6'</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW8270C</b>	<b>5/6/2017</b>	<b>5/8/2017</b>	<b>SVOC-9_170508A</b>	<b>3645277</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthene		1.678	0.039	1.958	0	85.7	24	139	0	0		
4-Chloro-3-methylphenol		3.408	0.39	3.916	0	87	28	121	0	0		
2-Chlorophenol		3.311	0.20	3.916	0	84.5	21	102	0	0		
1,4-Dichlorobenzene		1.584	0.20	1.958	0	80.9	27	95	0	0		
2,4-Dinitrotoluene		1.388	0.039	1.958	0	70.9	32	127	0	0		
4-Nitrophenol		3.377	0.39	3.916	0	86.2	10	156	0	0		
N-Nitrosodi-n-propylamine		1.583	0.039	1.958	0	80.8	16	122	0	0		
Pentachlorophenol		3.611	0.079	3.916	0	92.2	10	204	0	0		
Phenol		3.391	0.20	3.916	0	86.6	20	103	0	0		
Pyrene		1.647	0.039	1.958	0	84.1	10	184	0	0		
1,2,4-Trichlorobenzene		1.688	0.20	1.958	0	86.2	55	106	0	0		
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMSD</b>	<b>LS-SB-GP-20 / 4-6'</b>	<b>MSD</b>	<b>mg/Kg-dry</b>	<b>SW8270C</b>	<b>5/6/2017</b>	<b>5/8/2017</b>	<b>SVOC-9_170508A</b>	<b>3645278</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthene		1.863	0.039	1.959	0	95.1	24	139	1.678	10.5	57	
4-Chloro-3-methylphenol		3.801	0.39	3.917	0	97	28	121	3.408	10.9	88	
2-Chlorophenol		3.627	0.20	3.917	0	92.6	21	102	3.311	9.12	49	
1,4-Dichlorobenzene		1.684	0.20	1.959	0	86	27	95	1.584	6.15	43	
2,4-Dinitrotoluene		1.498	0.039	1.959	0	76.5	32	127	1.388	7.66	37	
4-Nitrophenol		3.567	0.39	3.917	0	91.1	10	156	3.377	5.47	56	
N-Nitrosodi-n-propylamine		1.761	0.039	1.959	0	89.9	16	122	1.583	10.6	47	
Pentachlorophenol		3.979	0.079	3.917	0	102	10	204	3.611	9.70	47	
Phenol		3.659	0.20	3.917	0	93.4	20	103	3.391	7.60	66	
Pyrene		1.802	0.039	1.959	0	92	10	184	1.647	9.00	51	
1,2,4-Trichlorobenzene		1.807	0.20	1.959	0	92.2	55	106	1.688	6.82	23	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

**STAT Analysis Corporation**

CLIENT: Weaver Consultants Group

Work Order: 17050094

Project: 3896-300-01-03B, Lake Street, Melrose Park

Test No: SW8270C

Matrix: W

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-100224	80.0	69.9	81.3	109	62.1	47.3	81.1	98.2
LCS-100224	90.5	80.3	94.5	117	67.6	51.9	90.6	105
LCSD-100224	82.6	70.1	84.2	115	60.8	47.2	85.7	101
17050094-024B	96.1	83.5	93.1	19.5	71.5	56.6	112	102
17050094-025B	80.5	60.7	72.1	115	57.8	45.7	70.5	89.9
17050094-026B	90.1	75.1	82.8	118	65.8	49.9	82.3	96.2

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	33-110
DCBZ12D4	= 1,2-Dichlorobenzene-d4	16-110
NO2BZD5	= Nitrobenzene-d5	35-114
PH246BR	= 2,4,6-Tribromophenol	10-123
PH2F	= 2-Fluorophenol	21-110
PHD5	= Phenol-d5	10-110
PHEN2F	= 2-Fluorobiphenyl	43-116
PHEND14	= 4-Terphenyl-d14	33-141

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100224**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100224			1	0	0	1	1.000	5/3/2017	5/4/2017
LCS-100224			1	0	0	1	1.000	5/3/2017	5/4/2017
LCSD-100224			1	0	0	1	1.000	5/3/2017	5/4/2017
MB-100224-TCLP			0.5	0	0	1	2.000	5/3/2017	5/4/2017
17040958-007A	Soil		0.5	0	0	1	2.000	5/3/2017	5/4/2017
17040958-008B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17040958-009B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17040958-010B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17040958-011B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17040967-001A	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050056-001B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050056-002B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050056-003B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050056-004B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050069-001B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050069-002B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050094-024B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050094-025B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17050094-026B	Aqueous		1	0	0	1	1.000	5/3/2017	5/4/2017
17040990-001B	Soil		0.5	0	0	1	2.000	5/4/2017	5/4/2017
17040991-001B	Soil		0.5	0	0	1	2.000	5/4/2017	5/4/2017
17050103-001A	Soil		0.5	0	0	1	2.000	5/4/2017	5/4/2017
17050131-001A	Aqueous		0.5	0	0	1	2.000	5/4/2017	5/4/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100224</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8270C</b>	<b>5/3/2017</b>	<b>5/5/2017</b>	<b>SVOC-5_170505A</b>	<b>3642232</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aniline		ND		0.025								
Benzidine		ND		0.025								
Benzoic acid		ND		0.025								
Benzyl alcohol		ND		0.0050								
Bis(2-chloroethoxy)methane		ND		0.0050								
Bis(2-chloroethyl)ether		ND		0.0050								
Bis(2-ethylhexyl)phthalate		ND		0.0060								
4-Bromophenyl phenyl ether		ND		0.0050								
Butyl benzyl phthalate		ND		0.0050								
4-Chloroaniline		ND		0.0050								
4-Chloro-3-methylphenol		ND		0.0050								
2-Chloronaphthalene		ND		0.0050								
2-Chlorophenol		ND		0.0050								
4-Chlorophenyl phenyl ether		ND		0.0050								
Dibenzofuran		ND		0.0050								
1,2-Dichlorobenzene		ND		0.0050								
1,3-Dichlorobenzene		ND		0.0050								
1,4-Dichlorobenzene		ND		0.0050								
3,3'-Dichlorobenzidine		ND		0.010								
2,4-Dichlorophenol		ND		0.0050								

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100224**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100224</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8270C</b>	<b>5/3/2017</b>	<b>5/5/2017</b>	<b>SVOC-5_170505A</b>	<b>3642232</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Diethyl phthalate	ND	0.0050
2,4-Dimethylphenol	ND	0.0050
Dimethyl phthalate	ND	0.0050
4,6-Dinitro-2-methylphenol	ND	0.025
2,4-Dinitrophenol	ND	0.025
Di-n-butyl phthalate	ND	0.0050
Di-n-octyl phthalate	ND	0.0050
Hexachlorobenzene	ND	0.0050
Hexachlorobutadiene	ND	0.0050
Hexachlorocyclopentadiene	ND	0.0050
Hexachloroethane	ND	0.0050
Isophorone	ND	0.0050
2-Methylnaphthalene	ND	0.0050
2-Methylphenol	ND	0.0050
4-Methylphenol	ND	0.0050
2-Nitroaniline	ND	0.0050
3-Nitroaniline	ND	0.025
4-Nitroaniline	ND	0.025
2-Nitrophenol	ND	0.0050
4-Nitrophenol	ND	0.025
N-Nitrosodimethylamine	ND	0.0050
N-Nitrosodiphenylamine	ND	0.0050
2, 2'-oxybis(1-Chloropropane)	ND	0.0050
Phenol	ND	0.0050
Pyridine	ND	0.0050
1,2,4-Trichlorobenzene	ND	0.0050
2,4,5-Trichlorophenol	ND	0.010
2,4,6-Trichlorophenol	ND	0.0050

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100224</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/L</b>	<b>SW8270C</b>	<b>5/3/2017</b>	<b>5/5/2017</b>	<b>SVOC-5_170505A</b>	<b>3642766</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Acenaphthene	0.04243	0.0050	0.05	0	84.9	54	116	0	0	0	0
4-Chloro-3-methylphenol	0.09742	0.0050	0.1	0	97.4	49	117	0	0	0	0
2-Chlorophenol	0.08589	0.0050	0.1	0	85.9	44	103	0	0	0	0
1,4-Dichlorobenzene	0.03293	0.0050	0.05	0	65.9	41	90	0	0	0	0
2,4-Dinitrotoluene	0.04727	0.0050	0.05	0	94.5	46	122	0	0	0	0
4-Nitrophenol	0.0664	0.025	0.1	0	66.4	15	78	0	0	0	0
N-Nitrosodi-n-propylamine	0.04222	0.0050	0.05	0	84.4	43	108	0	0	0	0
Pentachlorophenol	0.1103	0.025	0.1	0	110	10	221	0	0	0	0
Phenol	0.05029	0.0050	0.1	0	50.3	23	58	0	0	0	0
Pyrene	0.05085	0.0050	0.05	0	102	53	140	0	0	0	0
1,2,4-Trichlorobenzene	0.03503	0.0050	0.05	0	70.1	42	96	0	0	0	0

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCSD-100224</b>	<b>ZZZZZ</b>	<b>LCSD</b>	<b>mg/L</b>	<b>SW8270C</b>	<b>5/3/2017</b>	<b>5/5/2017</b>	<b>SVOC-5_170505A</b>	<b>3642843</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Acenaphthene	0.04097	0.0050	0.05	0	81.9	54	116	0.04243	3.50	21
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**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter  
S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded  
B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100224**

Sample ID: <b>LCSD-100224</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW8270C</b>	Prep Date: <b>5/3/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>SVOC-5_170505A</b>	SeqNo: <b>3642843</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4-Chloro-3-methylphenol		0.09569	0.0050	0.1	0	95.7	49	117	0.09742	1.79	27	
2-Chlorophenol		0.07952	0.0050	0.1	0	79.5	44	103	0.08589	7.70	29	
1,4-Dichlorobenzene		0.02802	0.0050	0.05	0	56	41	90	0.03293	16.1	38	
2,4-Dinitrotoluene		0.04829	0.0050	0.05	0	96.6	46	122	0.04727	2.13	23	
4-Nitrophenol		0.06981	0.025	0.1	0	69.8	15	78	0.0664	5.01	29	
N-Nitrosodi-n-propylamine		0.0389	0.0050	0.05	0	77.8	43	108	0.04222	8.19	24	
Pentachlorophenol		0.1101	0.025	0.1	0	110	10	221	0.1103	0.109	29	
Phenol		0.04601	0.0050	0.1	0	46	23	58	0.05029	8.89	30	
Pyrene		0.04917	0.0050	0.05	0	98.3	53	140	0.05085	3.36	24	
1,2,4-Trichlorobenzene		0.03069	0.0050	0.05	0	61.4	42	96	0.03503	13.2	32	

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<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

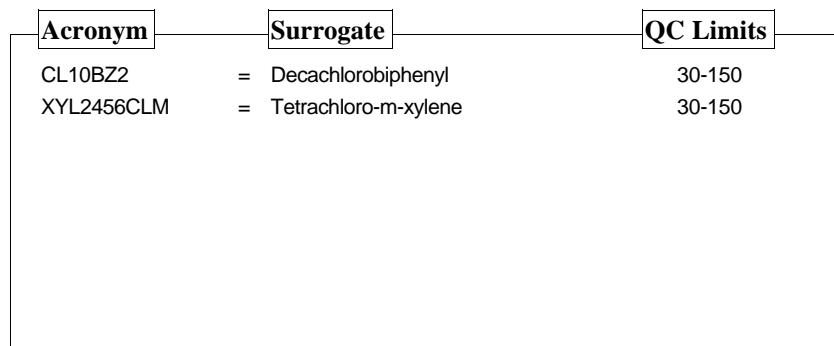
**STAT Analysis Corporation**

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Test No:** SW8082      **Matrix:** S

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

**Sample ID**      **CL10BZ2**      **XYL2456CLM**

MB-100205-PCB	103	117					
LCS-100205-PCB	114	126					
17040991-001BMS	94.9	65.7					
17040991-001BMSD	94.9	61.6					
17050094-001B	83.8	57.6					
17050094-002B	104	56.6					
17050094-004B	97.0	58.6					
17050094-006B	80.8	49.5					
17050094-008B	99.0	48.5					
17050094-010B	125	83.8					
17050094-012B	108	59.6					
17050094-014B	115	59.6					
17050094-016B	116	72.7					
17050094-018B	71.7	43.4					
17050094-020B	84.8	72.7					
MB-100270-PCB	121	89.9					
LCS-100270-PCB	129	82.8					
17050094-022B	101	106					
17050094-022BMS	117	117					
17050094-022BMSD	123	80.8					



\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GC Semivolatiles

BatchID: 100205

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100205-PCB			0.03	0	0	10	333.333	5/3/2017	5/3/2017
LCS-100205-PCB			0.03	0	0	10	333.333	5/3/2017	5/3/2017
17040958-007A	Soil		0.03037	0	0	10	329.272	5/3/2017	5/3/2017
17040990-001B	Soil		0.0302	0	0	10	331.126	5/3/2017	5/3/2017
17040991-001B	Soil		0.03008	0	0	10	332.447	5/3/2017	5/3/2017
17050038-001A	Soil		0.03009	0	0	10	332.336	5/3/2017	5/3/2017
17050055-001A	Soil		0.03016	0	0	10	331.565	5/3/2017	5/3/2017
17050076-002A	Sediment		0.03042	0	0	10	328.731	5/3/2017	5/3/2017
17040991-001BMS	Soil		0.03008	0	0	10	332.447	5/3/2017	5/3/2017
17040991-001BMSD	Soil		0.0301	0	0	10	332.226	5/3/2017	5/3/2017
17050094-001B	Soil		0.03029	0	0	10	330.142	5/4/2017	5/4/2017
17050094-002B	Soil		0.03013	0	0	10	331.895	5/4/2017	5/4/2017
17050094-004B	Soil		0.03016	0	0	10	331.565	5/4/2017	5/4/2017
17050094-006B	Soil		0.03035	0	0	10	329.489	5/4/2017	5/4/2017
17050094-008B	Soil		0.03044	0	0	10	328.515	5/4/2017	5/4/2017
17050094-010B	Soil		0.03003	0	0	10	333.000	5/4/2017	5/4/2017
17050094-012B	Soil		0.0301	0	0	10	332.226	5/4/2017	5/4/2017
17050094-014B	Soil		0.03012	0	0	10	332.005	5/4/2017	5/4/2017
17050094-016B	Soil		0.03002	0	0	10	333.111	5/4/2017	5/4/2017
17050094-018B	Soil		0.03027	0	0	10	330.360	5/4/2017	5/4/2017
17050094-020B	Soil		0.03029	0	0	10	330.142	5/4/2017	5/4/2017
17050103-001A	Soil		0.03005	0	0	10	332.779	5/4/2017	5/4/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>MB-100205-PCB</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/3/2017</b>	<b>5/3/2017</b>	<b>GC-ECD3_170503A</b>	<b>3640573</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		ND	0.080					
Aroclor 1221		ND	0.080					
Aroclor 1232		ND	0.080					
Aroclor 1242		ND	0.080					
Aroclor 1248		ND	0.080					
Aroclor 1254		ND	0.080					
Aroclor 1260		ND	0.080					
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>LCS-100205-PCB</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/3/2017</b>	<b>5/3/2017</b>	<b>GC-ECD3_170503A</b>	<b>3647408</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		0.373	0.080	0.333	0	112	30	150
Aroclor 1260		0.3132	0.080	0.333	0	94.1	30	150
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17040991-001BMS</b>	<b>ZZZZZ</b>	<b>MS</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/3/2017</b>	<b>5/3/2017</b>	<b>GC-ECD3_170503A</b>	<b>3640571</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		0.2823	0.080	0.3321	0	85	30	150
Aroclor 1260		0.2645	0.080	0.3321	0	79.6	30	150

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**

**GC Semivolatiles**

**BatchID: 100205**

Sample ID: 17040991-001BMSD	Customer ID: ZZZZZ	SampType: MSD	Units: mg/Kg	TestNo: SW8082	Prep Date: 5/3/2017	Analysis Date: 5/3/2017	Run ID: GC-ECD3_170503A	SeqNo: 3640572				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016		0.2354	0.080	0.3319	0	70.9	30	150	0.2823	18.1	25	
Aroclor 1260		0.2595	0.080	0.3319	0	78.2	30	150	0.2645	1.93	25	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

**GC Semivolatiles**  
**BatchID: 100270**

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100270-PCB			0.03	0	0	10	333.333	5/5/2017	5/5/2017
LCS-100270-PCB			0.03	0	0	10	333.333	5/5/2017	5/5/2017
17050094-022B	Soil		0.03027	0	0	10	330.360	5/5/2017	5/5/2017
17050094-022BMS	Soil		0.03028	0	0	10	330.251	5/5/2017	5/5/2017
17050094-022BMSD	Soil		0.03028	0	0	10	330.251	5/5/2017	5/5/2017
17050147-001B	Soil		0.03035	0	0	10	329.489	5/5/2017	5/5/2017
17050147-003B	Soil		0.03033	0	0	10	329.707	5/5/2017	5/5/2017
17050147-005B	Soil		0.03027	0	0	10	330.360	5/5/2017	5/5/2017
17050147-007B	Soil		0.03068	0	0	10	325.945	5/5/2017	5/5/2017
17050147-009B	Soil		0.03041	0	0	10	328.839	5/5/2017	5/5/2017
17050147-011B	Soil		0.03024	0	0	10	330.688	5/5/2017	5/5/2017
17050147-013B	Soil		0.03023	0	0	10	330.797	5/5/2017	5/5/2017
17050147-015B	Soil		0.03009	0	0	10	332.336	5/5/2017	5/5/2017
17050147-017B	Soil		0.03076	0	0	10	325.098	5/5/2017	5/5/2017
17050160-001B	Soil		0.03049	0	0	10	327.976	5/5/2017	5/5/2017
17050160-002B	Soil		0.03065	0	0	10	326.264	5/5/2017	5/5/2017
17050160-003B	Soil		0.03058	0	0	10	327.011	5/5/2017	5/5/2017
17050160-004B	Soil		0.03035	0	0	10	329.489	5/5/2017	5/5/2017
17050160-005B	Soil		0.03034	0	0	10	329.598	5/5/2017	5/5/2017
17050160-006B	Soil		0.03038	0	0	10	329.164	5/5/2017	5/5/2017
17050169-001A	Soil		0.03085	0	0	10	324.149	5/5/2017	5/5/2017
17050169-002A	Soil		0.0302	0	0	10	331.126	5/5/2017	5/5/2017
17050169-003A	Soil		0.03009	0	0	10	332.336	5/5/2017	5/5/2017
17050175-001A	Soil		0.03083	0	0	10	324.359	5/5/2017	5/5/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100270-PCB</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644134</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		ND		0.080								
Aroclor 1221		ND		0.080								
Aroclor 1232		ND		0.080								
Aroclor 1242		ND		0.080								
Aroclor 1248		ND		0.080								
Aroclor 1254		ND		0.080								
Aroclor 1260		ND		0.080								
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100270-PCB</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644136</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		0.5359	0.080	0.333	0	161	30	150	0	0		S
Aroclor 1260		0.3417	0.080	0.333	0	103	30	150	0	0		
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMS</b>	<b>LS-SB-GP-20 / 4-6' MS</b>	<b>mg/Kg-dry</b>		<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644140</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		0.5831	0.094	0.3904	0	149	30	150	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### GC Semivolatiles

BatchID: 100270

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMS</b>	<b>LS-SB-GP-20 / 4-6' MS</b>		<b>mg/Kg-dry</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644140</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1260		Result	PQL	SPK value			98.6	30	150	0	0	
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMSD</b>	<b>LS-SB-GP-20 / 4-6' MSD</b>		<b>mg/Kg-dry</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644147</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		0.6253	0.094	0.3904	0	160	30	150	0.5831	6.99	25	S
Aroclor 1260		0.4126	0.094	0.3904	0	106	30	150	0.385	6.92	25	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**STAT Analysis Corporation**

CLIENT: Weaver Consultants Group

Work Order: 17050094

Project: 3896-300-01-03B, Lake Street, Melrose Park

Test No: SW8082      Matrix: W

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID      CL10BZ2      XYL2456CLM

MB-100215-PCB	116	103						
LCS-100215-PCB	80.0	133						
LCSD-100215-PCB	132	145						
17050094-024B	77.5	102						
17050094-025B	71.5	108						
17050094-026B	75.0	113						

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GC Semivolatiles

BatchID: 100215

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100215-PCB			1	0	0	10	10.000	5/3/2017	5/3/2017
LCS-100215-PCB			1	0	0	10	10.000	5/3/2017	5/3/2017
LCSD-100215-PCB			1	0	0	10	10.000	5/3/2017	5/3/2017
17050056-001B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017
17050056-002B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017
17050056-003B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017
17050056-004B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017
17050076-001A	Aqueous		0.1	0	0	10	100.000	5/3/2017	5/3/2017
17050094-024B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017
17050094-025B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017
17050094-026B	Aqueous		0.5	0	0	5	10.000	5/3/2017	5/3/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100215-PCB</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/3/2017</b>	<b>5/3/2017</b>	<b>GC-ECD3_170503A</b>	<b>3640575</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Aroclor 1016	ND	0.00050
Aroclor 1221	ND	0.00050
Aroclor 1232	ND	0.00050
Aroclor 1242	ND	0.00050
Aroclor 1248	ND	0.00050
Aroclor 1254	ND	0.00050
Aroclor 1260	ND	0.00050

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100215-PCB</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/3/2017</b>	<b>5/3/2017</b>	<b>GC-ECD3_170503A</b>	<b>3640576</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Aroclor 1016	0.01072	0.00050	0.01	0	107	30	150	0	0
Aroclor 1260	0.00893	0.00050	0.01	0	89.3	30	150	0	0

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCSD-100215-PCB</b>	<b>ZZZZZ</b>	<b>LCSD</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/3/2017</b>	<b>5/3/2017</b>	<b>GC-ECD3_170503A</b>	<b>3640577</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Aroclor 1016	0.01215	0.00050	0.01	0	122	30	150	0.01072	12.6	25
Aroclor 1260	0.008004	0.00050	0.01	0	80	30	150	0.00893	10.9	25

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range	
* - Non Accredited Parameter	H/HT - Holding Time Exceeded		

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GC Semivolatiles

BatchID: 100310

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100310-TPH			0.005	0	0	5	1000.000	5/8/2017	5/8/2017
LCS-100310-TPH			0.005	0	0	5	1000.000	5/8/2017	5/8/2017
17050089-001B	Soil		0.00502	0	0	5	996.016	5/8/2017	5/8/2017
17050089-002B	Soil		0.00508	0	0	5	984.252	5/8/2017	5/8/2017
17050089-003B	Soil		0.00526	0	0	5	950.570	5/8/2017	5/8/2017
17050089-004B	Soil		0.00532	0	0	5	939.850	5/8/2017	5/8/2017
17050089-005B	Soil		0.00517	0	0	5	967.118	5/8/2017	5/8/2017
17050094-001B	Soil		0.00505	0	0	5	990.099	5/8/2017	5/8/2017
17050094-002B	Soil		0.0051	0	0	5	980.392	5/8/2017	5/8/2017
17050094-004B	Soil		0.00515	0	0	5	970.874	5/8/2017	5/8/2017
17050094-006B	Soil		0.0052	0	0	5	961.538	5/8/2017	5/8/2017
17050094-008B	Soil		0.00511	0	0	5	978.474	5/8/2017	5/8/2017
17050094-010B	Soil		0.00516	0	0	5	968.992	5/8/2017	5/8/2017
17050094-012B	Soil		0.00537	0	0	5	931.099	5/8/2017	5/8/2017
17050094-014B	Soil		0.00507	0	0	5	986.193	5/8/2017	5/8/2017
17050094-016B	Soil		0.00514	0	0	5	972.763	5/8/2017	5/8/2017
17050094-018B	Soil		0.00518	0	0	5	965.251	5/8/2017	5/8/2017
17050094-020B	Soil		0.00524	0	0	5	954.198	5/8/2017	5/8/2017
17050094-022B	Soil		0.00512	0	0	5	976.562	5/8/2017	5/8/2017
17050094-022BMS	Soil		0.00512	0	0	5	976.562	5/8/2017	5/8/2017
17050094-022BMSD	Soil		0.00513	0	0	5	974.659	5/8/2017	5/8/2017
17050147-001B	Soil		0.00529	0	0	5	945.180	5/8/2017	5/8/2017
17050147-003B	Soil		0.00523	0	0	5	956.023	5/8/2017	5/8/2017
17050147-005B	Soil		0.00531	0	0	5	941.620	5/8/2017	5/8/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>MB-100310-TPH</b>	ZZZZZ	MBLK	mg/Kg	SW8015M	5/8/2017	5/10/2017	GC-FID-2_170509A	3647305					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		13.16		20								J	
TPH (DRO)		13.34		20								J	
TPH (ERO)		9.458		20								J*	
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>LCS-100310-TPH</b>	ZZZZZ	LCS	mg/Kg	SW8015M	5/8/2017	5/10/2017	GC-FID-2_170509A	3647306					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		292.9		20	200	13.16	140	30	150	0	0		
TPH (DRO)		181		20	200	13.34	83.8	30	150	0	0		
TPH (ERO)		142.4		20	200	9.458	66.5	30	150	0	0	*	
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>17050094-022BMS</b>	LS-SB-GP-20 / 4-6' MS		mg/Kg-dry	SW8015M	5/8/2017	5/9/2017	GC-FID-2_170509A	3647288					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		334.1		23	231.1	13.97	139	30	150	0	0		
TPH (DRO)		240.6		23	231.1	7.873	101	30	150	0	0		
TPH (ERO)		212.7		23	231.1	0	92	30	150	0	0	*	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**

**GC Semivolatiles**

**BatchID: 100310**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
17050094-022BMSD	LS-SB-GP-20 / 4-6' MSD	mg/Kg-dry		SW8015M	5/8/2017	5/9/2017	GC-FID-2_170509A	3647289				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		352.9	23	230.7	13.97	147	30	150	334.1	5.48	25	
TPH (DRO)		230.3	23	230.7	7.873	96.4	30	150	240.6	4.35	25	
TPH (ERO)		196.5	23	230.7	0	85.2	30	150	212.7	7.94	25	
											*	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

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R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**Metals**  
**BatchID: 100260**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBW2 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
ILCSW2 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
17050036-001A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050036-002A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050036-003A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-024C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050094-025C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050094-026C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050133-001Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050133-002Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050133-003Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050133-004Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050145-001C	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-019C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050147-020C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050147-021C	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021CMS	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021CMSC	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-022C	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050186-001A	Tclp Leachate		50	0	0	50	1.000	5/4/2017	5/4/2017
17050023-006A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050023-007A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:			
IMBW2 5/4/17	ZZZZZ	MBLK	mg/L	SW6020	5/4/2017	5/6/2017	ICPMS-3_170505A	3643531			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic	0.001199	0.0040									J
Barium	ND	0.0040									
Cadmium	ND	0.0020									
Chromium	ND	0.0040									
Lead	ND	0.0020									
Selenium	ND	0.0040									
Silver	ND	0.0040									
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:			
ILCSW2 5/4/17	ZZZZZ	LCS	mg/L	SW6020	5/4/2017	5/6/2017	ICPMS-3_170505A	3643532			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic	0.5557	0.0040	0.5	0.001199	111	80	120	0	0		
Barium	0.5285	0.0040	0.5	0	106	80	120	0	0		
Cadmium	0.5501	0.0020	0.5	0	110	80	120	0	0		
Chromium	0.5689	0.0040	0.5	0	114	80	120	0	0		
Lead	0.5431	0.0020	0.5	0	109	80	120	0	0		
Selenium	0.5186	0.0040	0.5	0	104	80	120	0	0		
Silver	0.2209	0.0040	0.2	0	110	80	120	0	0		

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

**BatchID: 100260**

Sample ID: <b>17050147-021CMS</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/4/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>ICPMS-3_170505A</b>	SeqNo: <b>3643536</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.5719	0.0040	0.5	0.01181	112	75	125	0	0		
Barium	0.6955	0.0040	0.5	0.1663	106	75	125	0	0		
Cadmium	0.5549	0.0020	0.5	0.001125	111	75	125	0	0		
Chromium	0.5673	0.0040	0.5	0.02808	108	75	125	0	0		
Lead	0.533	0.0020	0.5	0.02792	101	75	125	0	0		
Selenium	0.5223	0.0040	0.5	0	104	75	125	0	0		
Silver	0.1972	0.0040	0.2	0	98.6	75	125	0	0		

Sample ID: <b>17050147-021CMSD</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/4/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>ICPMS-3_170505A</b>	SeqNo: <b>3643537</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.5495	0.0040	0.5	0.01181	108	75	125	0.5719	3.99	20	
Barium	0.7283	0.0040	0.5	0.1663	112	75	125	0.6955	4.60	20	
Cadmium	0.5333	0.0020	0.5	0.001125	106	75	125	0.5549	3.97	20	
Chromium	0.5433	0.0040	0.5	0.02808	103	75	125	0.5673	4.33	20	
Lead	0.5577	0.0020	0.5	0.02792	106	75	125	0.533	4.52	20	
Selenium	0.5081	0.0040	0.5	0	102	75	125	0.5223	2.76	20	
Silver	0.2059	0.0040	0.2	0	103	75	125	0.1972	4.33	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**

**Metals**

**BatchID: 100261**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBW3 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
ILCSW3 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-024D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-025D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-026D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-019D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-020D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021DMS	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021DMSD	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-022D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>IMBW3 5/4/17</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW6020</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>ICPMS-3_170504B</b>	<b>3642190</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	ND	0.0040									
Barium	ND	0.0040									
Cadmium	ND	0.0020									
Chromium	0.0005904	0.0040									J
Lead	ND	0.0020									
Selenium	ND	0.0040									
Silver	ND	0.0040									
Titanium	ND	0.010									*

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>ILCSW3 5/4/17</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/L</b>	<b>SW6020</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>ICPMS-3_170504B</b>	<b>3642191</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.5261	0.0040	0.5	0	105	80	120	0	0		
Barium	0.4722	0.0040	0.5	0	94.4	80	120	0	0		
Cadmium	0.5307	0.0020	0.5	0	106	80	120	0	0		
Chromium	0.5423	0.0040	0.5	0.0005904	108	80	120	0	0		
Lead	0.475	0.0020	0.5	0	95	80	120	0	0		
Selenium	0.5061	0.0040	0.5	0	101	80	120	0	0		
Silver	0.1821	0.0040	0.2	0	91	80	120	0	0		

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050147-021DMS</b>	<b>ZZZZZ</b>	<b>MS</b>	<b>mg/L</b>	<b>SW6020</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>ICPMS-3_170504B</b>	<b>3642194</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.5154	0.0040	0.5	0.006985	102	75	125	0	0		
Barium	0.57	0.0040	0.5	0.05202	104	75	125	0	0		
Cadmium	0.5039	0.0020	0.5	0	101	75	125	0	0		
Chromium	0.5024	0.0040	0.5	0.003293	99.8	75	125	0	0		
Lead	0.5058	0.0020	0.5	0.002161	101	75	125	0	0		
Selenium	0.4904	0.0040	0.5	0	98.1	75	125	0	0		
Silver	0.1903	0.0040	0.2	0	95.2	75	125	0	0		

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range	
* - Non Accredited Parameter	H/HT - Holding Time Exceeded		

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

**BatchID: 100261**

Sample ID: <b>17050147-021DMSD</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/4/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>ICPMS-3_170504B</b>	SeqNo: <b>3642195</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.504	0.0040	0.5	0.006985	99.4	75	125	0.5154	2.24	20	
Barium	0.5702	0.0040	0.5	0.05202	104	75	125	0.57	0.0294	20	
Cadmium	0.5017	0.0020	0.5	0	100	75	125	0.5039	0.455	20	
Chromium	0.4854	0.0040	0.5	0.003293	96.4	75	125	0.5024	3.43	20	
Lead	0.5103	0.0020	0.5	0.002161	102	75	125	0.5058	0.877	20	
Selenium	0.504	0.0040	0.5	0	101	75	125	0.4904	2.74	20	
Silver	0.1927	0.0040	0.2	0	96.4	75	125	0.1903	1.25	20	

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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100317

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBS3 5/8/17			1.2	0	0	50	41.667	5/8/2017	5/8/2017
ILCSS3 5/8/17			1.2	0	0	50	41.667	5/8/2017	5/8/2017
17050094-001B	Soil		1.107	0	0	50	45.167	5/8/2017	5/8/2017
17050094-002B	Soil		1.127	0	0	50	44.366	5/8/2017	5/8/2017
17050094-004B	Soil		1.174	0	0	50	42.589	5/8/2017	5/8/2017
17050094-006B	Soil		1.151	0	0	50	43.440	5/8/2017	5/8/2017
17050094-008B	Soil		1.141	0	0	50	43.821	5/8/2017	5/8/2017
17050094-010B	Soil		1.176	0	0	50	42.517	5/8/2017	5/8/2017
17050094-012B	Soil		1.145	0	0	50	43.668	5/8/2017	5/8/2017
17050094-014B	Soil		1.152	0	0	50	43.403	5/8/2017	5/8/2017
17050094-016B	Soil		1.148	0	0	50	43.554	5/8/2017	5/8/2017
17050094-018B	Soil		1.1	0	0	50	45.455	5/8/2017	5/8/2017
17050094-020B	Soil		1.125	0	0	50	44.444	5/8/2017	5/8/2017
17050094-022B	Soil		1.117	0	0	50	44.763	5/8/2017	5/8/2017
17050094-022BMS	Soil		1.118	0	0	50	44.723	5/8/2017	5/8/2017
17050094-022BMSD	Soil		1.113	0	0	50	44.924	5/8/2017	5/8/2017
17040752-017B	Soil		1.13	0	0	50	44.248	5/8/2017	5/8/2017
17040752-021B	Soil		1.101	0	0	50	45.413	5/8/2017	5/8/2017
17040749-005B	Soil		1.172	0	0	50	42.662	5/8/2017	5/8/2017
17050232-001B	Soil		1.1915	0	0	50	41.964	5/8/2017	5/8/2017
17050232-002B	Soil		1.2023	0	0	50	41.587	5/8/2017	5/8/2017

#### QC SUMMARY

Sample ID: <b>IMBS3 5/8/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/8/2017</b>	Run ID: <b>ICPMS-3_170508A</b>	SeqNo: <b>3644917</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Arsenic	ND	0.42										J
Barium	ND	0.42										
Cadmium	ND	0.21										
Chromium	ND	0.42										
Lead	0.06784	0.21										
Selenium	ND	0.42										
Silver	ND	0.42										

Sample ID: <b>ILCSS3 5/8/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/8/2017</b>	Run ID: <b>ICPMS-3_170508A</b>	SeqNo: <b>3644918</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic	20.8	0.42	20.83	0	99.8	80	120	0	0	0		
Barium	20.02	0.42	20.83	0	96.1	80	120	0	0	0		
Cadmium	20.49	0.21	20.83	0	98.4	80	120	0	0	0		
Chromium	22.07	0.42	20.83	0	106	80	120	0	0	0		
Lead	20.12	0.21	20.83	0.06784	96.3	80	120	0	0	0		
Selenium	20.55	0.42	20.83	0	98.7	80	120	0	0	0		
Silver	8.145	0.42	8.333	0	97.7	80	120	0	0	0		

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100317

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMS</b>	<b>LS-SB-GP-20 / 4-6' MS</b>		<b>mg/Kg-dry</b>	<b>SW6020</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>ICPMS-3_170508A</b>	<b>3644922</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic		38.05	1.1	26.46	10.14	105	75	125	0	0		
Barium		92.88	1.1	26.46	68.58	91.8	75	125	0	0		
Cadmium		27.27	0.53	26.46	0.2301	102	75	125	0	0		
Chromium		42.62	1.1	26.46	16.35	99.3	75	125	0	0		
Lead		49.33	0.53	26.46	21.67	105	75	125	0	0		
Selenium		25.52	1.1	26.46	0	96.4	75	125	0	0		
Silver		10.73	1.1	10.59	0.0695	101	75	125	0	0		

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMSD</b>	<b>LS-SB-GP-20 / 4-6' MSD</b>		<b>mg/Kg-dry</b>	<b>SW6020</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>ICPMS-3_170508A</b>	<b>3644923</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic		40.27	1.1	26.58	10.14	113	75	125	38.05	5.68	20	
Barium		98.39	1.1	26.58	68.58	112	75	125	92.88	5.76	20	
Cadmium		29.19	0.53	26.58	0.2301	109	75	125	27.27	6.81	20	
Chromium		45.56	1.1	26.58	16.35	110	75	125	42.62	6.66	20	
Lead		53.15	0.53	26.58	21.67	118	75	125	49.33	7.46	20	
Selenium		26.89	1.1	26.58	0	101	75	125	25.52	5.23	20	
Silver		11.18	1.1	10.63	0.0695	104	75	125	10.73	4.13	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

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R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100279

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBW1 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
HGLCSW1 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-024D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-025D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-026D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-019D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-020D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021DMS	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021DMSD	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-022D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050036-001A	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050036-002A	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050036-003A	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
HGMFTA1 5/4/17			30	0	0	30	1.000	5/5/2017	5/5/2017
17050178-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-003B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-004B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-004BMS	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050150-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050150-002B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050161-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-007B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050069-001C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050069-002C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017

#### QC SUMMARY

Sample ID: <b>17050147-021DMS</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505C</b>	SeqNo: <b>3644084</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0022	0.00020	0.0025	0.00001	87.6	75	125
RPD Ref Val	%RPD	RPD Limit	Qual					
Sample ID: <b>HGMBW1 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505B</b>	SeqNo: <b>3642990</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		ND	0.00020				0	0
RPD Ref Val	%RPD	RPD Limit	Qual					
Sample ID: <b>HGLCSW1 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505B</b>	SeqNo: <b>3642991</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0026	0.00020	0.0025	0	104	85	115
RPD Ref Val	%RPD	RPD Limit	Qual					
Sample ID: <b>17050147-021DMSD</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505C</b>	SeqNo: <b>3644116</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0023	0.00020	0.0025	0.00001	91.6	75	125
RPD Ref Val	%RPD	RPD Limit	Qual					

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

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H/HT - Holding Time Exceeded

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E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100280

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBW2 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
HGLCSW2 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-024C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-025C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-026C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-019C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-020C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021CMS	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021CMSC	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-022C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050192-001C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050192-002C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050192-003C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017

#### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>HGMBW2 5/5/17</b>	ZZZZZ	MBLK	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644103
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		ND	0.00020				RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>HGLCSW2 5/5/17</b>	ZZZZZ	LCS	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644104
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0026	0.00020	0.0025	0	104	85	115
							RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050147-021CMS</b>	ZZZZZ	MS	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644111
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0027	0.00020	0.0025	0.00005	106	75	125
							RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050147-021CMSC</b>	ZZZZZ	MSD	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644112
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0025	0.00020	0.0025	0.00005	98	75	125
							RPD Ref Val	%RPD
							RPD Limit	Qual

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

Metals

BatchID: 100332

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBS2 5/8/17			0.3	0	0	30	100.000	5/8/2017	5/8/2017
HGLCSS2 5/8/17			0.3	0	0	30	100.000	5/8/2017	5/8/2017
17050209-001B	Soil		0.303	0	0	30	99.010	5/8/2017	5/8/2017
17050209-002B	Soil		0.346	0	0	30	86.705	5/8/2017	5/8/2017
17050094-001B	Soil		0.329	0	0	30	91.185	5/8/2017	5/8/2017
17050094-002B	Soil		0.327	0	0	30	91.743	5/8/2017	5/8/2017
17050094-004B	Soil		0.317	0	0	30	94.637	5/8/2017	5/8/2017
17050094-006B	Soil		0.331	0	0	30	90.634	5/8/2017	5/8/2017
17050094-008B	Soil		0.339	0	0	30	88.496	5/8/2017	5/8/2017
17050094-010B	Soil		0.326	0	0	30	92.025	5/8/2017	5/8/2017
17050094-012B	Soil		0.321	0	0	30	93.458	5/8/2017	5/8/2017
17050094-014B	Soil		0.343	0	0	30	87.464	5/8/2017	5/8/2017
17050094-016B	Soil		0.342	0	0	30	87.719	5/8/2017	5/8/2017
17050094-018B	Soil		0.331	0	0	30	90.634	5/8/2017	5/8/2017
17050094-020B	Soil		0.308	0	0	30	97.403	5/8/2017	5/8/2017
17050094-022B	Soil		0.314	0	0	30	95.541	5/8/2017	5/8/2017
17050094-022BMS	Soil		0.311	0	0	30	96.463	5/8/2017	5/8/2017
17050094-022BMSD	Soil		0.312	0	0	30	96.154	5/8/2017	5/8/2017
17050130-001B	Soil		0.336	0	0	30	89.286	5/8/2017	5/8/2017
17050130-002B	Soil		0.355	0	0	30	84.507	5/8/2017	5/8/2017
17050130-003B	Soil		0.322	0	0	30	93.168	5/8/2017	5/8/2017
17050130-004B	Soil		0.344	0	0	30	87.209	5/8/2017	5/8/2017
17050130-005B	Soil		0.339	0	0	30	88.496	5/8/2017	5/8/2017
17050130-006B	Soil		0.315	0	0	30	95.238	5/8/2017	5/8/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>HGMBS2 5/8/17</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW7471A</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>CETAC 2_170508B</b>	<b>3645342</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.004		0.020				J
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>HGLCSS2 5/8/17</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW7471A</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>CETAC 2_170508B</b>	<b>3645343</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.27		0.020	0.25	0.004	106	80
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050094-022BMS</b>	<b>LS-SB-GP-20 / 4-6' MS</b>	<b>mg/Kg-dry</b>		<b>SW7471A</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>CETAC 2_170508B</b>	<b>3645362</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.3196		0.023	0.2854	0.05879	91.4	75
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050094-022BMSD</b>	<b>LS-SB-GP-20 / 4-6' MSD</b>	<b>mg/Kg-dry</b>		<b>SW7471A</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>CETAC 2_170508B</b>	<b>3645363</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.3414		0.023	0.2845	0.05879	99.3	75

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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

Wet Chemistry

BatchID: R131929

### ANALYTICAL RUN SUMMARY

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3644795	17050094-001B	SAMP	PH_S	R131929	1	05/08/2017
3644796	17050094-002B	SAMP	PH_S	R131929	1	05/08/2017
3644797	17050094-004B	SAMP	PH_S	R131929	1	05/08/2017
3644798	17050094-006B	SAMP	PH_S	R131929	1	05/08/2017
3644799	17050094-008B	SAMP	PH_S	R131929	1	05/08/2017
3644800	17050094-010B	SAMP	PH_S	R131929	1	05/08/2017
3644801	17050094-012B	SAMP	PH_S	R131929	1	05/08/2017
3644802	17050094-014B	SAMP	PH_S	R131929	1	05/08/2017
3644803	17050094-016B	SAMP	PH_S	R131929	1	05/08/2017
3644804	17050094-018B	SAMP	PH_S	R131929	1	05/08/2017
3644805	17050094-020B	SAMP	PH_S	R131929	1	05/08/2017
3644806	17050094-022B	SAMP	PH_S	R131929	1	05/08/2017
3644807	17050094-022BDUP	DUP	PH_S	R131929	1	05/08/2017
3644808	17050130-001B	SAMP	PH_S	R131929	1	05/08/2017
3644809	17050130-002B	SAMP	PH_S	R131929	1	05/08/2017
3644810	17050130-003B	SAMP	PH_S	R131929	1	05/08/2017
3644811	17050130-004B	SAMP	PH_S	R131929	1	05/08/2017
3644812	17050130-005B	SAMP	PH_S	R131929	1	05/08/2017

### QC SUMMARY

Sample ID: <b>17050094-022BDUP</b>	Customer ID: <b>LS-SB-GP-20 / 4-6'</b>	SampType: <b>DUP</b>	Units: <b>pH Units</b>	TestNo: <b>SW9045C</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/8/2017</b>	Run ID: <b>PH_170508C</b>	SeqNo: <b>3644807</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
pH		7.63	0	0	0	0	0	0	7.53	1.32	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

Wet Chemistry

BatchID: R132157

### ANALYTICAL RUN SUMMARY

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3653418	FOCMBLK 5/15/17	MBLK	FOC_S	R132157	1	05/16/2017
3653419	17050094-018B	SAMP	FOC_S	R132157	1	05/16/2017
3653420	17050094-018B DUP	DUP	FOC_S	R132157	1	05/16/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>FOCMBLK 5/15/17</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>wt%</b>	<b>D2974</b>	<b>5/15/2017</b>	<b>5/16/2017</b>	<b>BALANCE_170515D</b>	<b>3653418</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Organic Carbon Content		ND	0.0100					*
Organic Matter		ND	0.0100					*
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050094-018B DUP</b>	<b>LS-SB-GP-16 / 4-6'</b>	<b>DUP</b>	<b>wt%</b>	<b>D2974</b>	<b>5/15/2017</b>	<b>5/16/2017</b>	<b>BALANCE_170515D</b>	<b>3653420</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Organic Carbon Content		2.48	0.0100	0	0	0	0	2.24
Organic Matter		4.27	0.0100	0	0	0	0	3.86
								10.2
								20
								*
								10.1
								20
								*

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**Wet Chemistry**  
**BatchID: R131845**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3642413	PMLK5 5/4/17	MBLK	PMOIST	R131845	1	05/05/2017
3642414	PMLCS-S5 5/4/17	LCS	PMOIST	R131845	1	05/05/2017
3642415	PMLCS-W5 5/4/17	LCS	PMOIST	R131845	1	05/05/2017
3642416	17050094-020B	SAMP	PMOIST	R131845	1	05/05/2017
3642417	17050094-020B DUP	DUP	PMOIST	R131845	1	05/05/2017
3642418	17050094-001B	SAMP	PMOIST	R131845	1	05/05/2017
3642419	17050094-002B	SAMP	PMOIST	R131845	1	05/05/2017
3642420	17050094-004B	SAMP	PMOIST	R131845	1	05/05/2017
3642421	17050094-006B	SAMP	PMOIST	R131845	1	05/05/2017
3642422	17050094-008B	SAMP	PMOIST	R131845	1	05/05/2017
3642423	17050094-010B	SAMP	PMOIST	R131845	1	05/05/2017
3642424	17050094-012B	SAMP	PMOIST	R131845	1	05/05/2017
3642425	17050094-014B	SAMP	PMOIST	R131845	1	05/05/2017
3642426	17050094-016B	SAMP	PMOIST	R131845	1	05/05/2017
3642427	17050094-018B	SAMP	PMOIST	R131845	1	05/05/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>PMLK5 5/4/17</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>wt%</b>	<b>D2974</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>BALANCE_170504H</b>	<b>3642413</b>
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit
Percent Moisture		ND	0.200					*
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	High Limit
Percent Moisture		4.67	0.200	5	0	93.4	80	120
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	RPD Ref Val
Percent Moisture		99.78	0.200	99.8	0	100	80	120
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	% RPD
Percent Moisture		15.18	0.200	0	0	0	0	13.57
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	RPD Ref Val
Percent Moisture		15.18	0.200	0	0	0	0	11.2
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	RPD Ref Val
Percent Moisture		15.18	0.200	0	0	0	0	20
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	RPD Ref Val

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R - RPD outside accepted recovery limits  
E - Value above quantitation range

H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050094  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Wet Chemistry

BatchID: R131846

#### ANALYTICAL RUN SUMMARY

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3642430	PMLBK6 5/4/17	MBLK	PMOIST	R131846	1	05/05/2017
3642431	PMLCS-S6 5/4/17	LCS	PMOIST	R131846	1	05/05/2017
3642432	PMLCS-W6 5/4/17	LCS	PMOIST	R131846	1	05/05/2017
3642433	17050094-022B	SAMP	PMOIST	R131846	1	05/05/2017
3642434	17050094-022B DUP	DUP	PMOIST	R131846	1	05/05/2017

#### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>PMLBK6 5/4/17</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>wt%</b>	<b>D2974</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>BALANCE_170504I</b>	<b>3642430</b>
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual
Percent Moisture		ND	0.200					*
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>PMLCS-S6 5/4/17</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>wt%</b>	<b>D2974</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>BALANCE_170504I</b>	<b>3642431</b>
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual
Percent Moisture		4.99	0.200	5	0	99.8	80 120 0 0	0 0 *
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>PMLCS-W6 5/4/17</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>wt%</b>	<b>D2974</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>BALANCE_170504I</b>	<b>3642432</b>
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual
Percent Moisture		99.76	0.200	99.8	0	100	80 120 0 0	0 0 *
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050094-022B DUP</b>	<b>LS-SB-GP-20 / 4-6'</b>	<b>DUP</b>	<b>wt%</b>	<b>D2974</b>	<b>5/4/2017</b>	<b>5/5/2017</b>	<b>BALANCE_170504I</b>	<b>3642434</b>
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual
Percent Moisture		16.61	0.200	0	0	0	0 0 15.49 6.98 20	0 0 *

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	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

# **STAT** Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 [STATinfo@STATAnalysis.com](mailto:STATinfo@STATAnalysis.com)

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

May 11, 2017

Weaver Consultants Group  
35 E. Wacker Drive, Suite 1250  
Chicago, IL 60602  
Telephone: (312) 922-1030  
Fax: (312) 922-0201

Analytical Report for STAT Work Order: 17050147 Revision 0

RE: 3896-300-01-03B, Lake Street, Melrose Park

Dear Colin Pannier:

STAT Analysis received 23 samples for the referenced project on 5/3/2017 4:24:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Justice Kwateng  
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.*

**STAT Analysis Corporation**

Date: May 11, 2017

**Client:** Weaver Consultants Group  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Work Order:** 17050147 Revision 0

**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17050147-001A	LS-SB-GP-01 / 1-3'		5/3/2017 9:16:00 AM	5/3/2017
17050147-001B	LS-SB-GP-01 / 1-3'		5/3/2017 9:16:00 AM	5/3/2017
17050147-002A	LS-SB-GP-01 / 10-12'		5/3/2017 9:20:00 AM	5/3/2017
17050147-002B	LS-SB-GP-01 / 10-12'		5/3/2017 9:20:00 AM	5/3/2017
17050147-003A	LS-SB-GP-02 / 1-3'		5/3/2017 9:32:00 AM	5/3/2017
17050147-003B	LS-SB-GP-02 / 1-3'		5/3/2017 9:32:00 AM	5/3/2017
17050147-004A	LS-SB-GP-02 / 13-15'		5/3/2017 9:35:00 AM	5/3/2017
17050147-004B	LS-SB-GP-02 / 13-15'		5/3/2017 9:35:00 AM	5/3/2017
17050147-005A	LS-SB-GP-03 / 2-4'		5/3/2017 8:56:00 AM	5/3/2017
17050147-005B	LS-SB-GP-03 / 2-4'		5/3/2017 8:56:00 AM	5/3/2017
17050147-006A	LS-SB-GP-03 / 12-14'		5/3/2017 9:00:00 AM	5/3/2017
17050147-006B	LS-SB-GP-03 / 12-14'		5/3/2017 9:00:00 AM	5/3/2017
17050147-007A	LS-SB-GP-04 / 2-4'		5/3/2017 9:54:00 AM	5/3/2017
17050147-007B	LS-SB-GP-04 / 2-4'		5/3/2017 9:54:00 AM	5/3/2017
17050147-008A	LS-SB-GP-04 / 11-13'		5/3/2017 9:57:00 AM	5/3/2017
17050147-008B	LS-SB-GP-04 / 11-13'		5/3/2017 9:57:00 AM	5/3/2017
17050147-009A	LS-SB-GP-05 / 1-3'		5/3/2017 10:55:00 AM	5/3/2017
17050147-009B	LS-SB-GP-05 / 1-3'		5/3/2017 10:55:00 AM	5/3/2017
17050147-010A	LS-SB-GP-05 / 12-14'		5/3/2017 11:00:00 AM	5/3/2017
17050147-010B	LS-SB-GP-05 / 12-14'		5/3/2017 11:00:00 AM	5/3/2017
17050147-011A	LS-SB-GP-07 / 1-3'		5/3/2017 10:35:00 AM	5/3/2017
17050147-011B	LS-SB-GP-07 / 1-3'		5/3/2017 10:35:00 AM	5/3/2017
17050147-012A	LS-SB-GP-07 / 10-12'		5/3/2017 10:39:00 AM	5/3/2017
17050147-012B	LS-SB-GP-07 / 10-12'		5/3/2017 10:39:00 AM	5/3/2017
17050147-013A	LS-SB-GP-08 / 2-4'		5/3/2017 10:14:00 AM	5/3/2017
17050147-013B	LS-SB-GP-08 / 2-4'		5/3/2017 10:14:00 AM	5/3/2017
17050147-014A	LS-SB-GP-08 / 11-13'		5/3/2017 10:18:00 AM	5/3/2017
17050147-014B	LS-SB-GP-08 / 11-13'		5/3/2017 10:18:00 AM	5/3/2017
17050147-015A	LS-SB-GP-17 / 1-3'		5/3/2017 11:51:00 AM	5/3/2017
17050147-015B	LS-SB-GP-17 / 1-3'		5/3/2017 11:51:00 AM	5/3/2017
17050147-016A	LS-SB-GP-17 / 6-8'		5/3/2017 11:55:00 AM	5/3/2017
17050147-016B	LS-SB-GP-17 / 6-8'		5/3/2017 11:55:00 AM	5/3/2017
17050147-017A	LS-SB-GP-19 / 1-3'		5/3/2017 11:25:00 AM	5/3/2017
17050147-017B	LS-SB-GP-19 / 1-3'		5/3/2017 11:25:00 AM	5/3/2017
17050147-018A	LS-SB-GP-19 / 6-8'		5/3/2017 11:29:00 AM	5/3/2017
17050147-018B	LS-SB-GP-19 / 6-8'		5/3/2017 11:29:00 AM	5/3/2017
17050147-019A	LS-GW-TW-01		5/3/2017 8:37:00 AM	5/3/2017
17050147-019B	LS-GW-TW-01		5/3/2017 8:37:00 AM	5/3/2017

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**Client:** Weaver Consultants Group  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Work Order:** 17050147 Revision 0

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## Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
17050147-019C	LS-GW-TW-01		5/3/2017 8:37:00 AM	5/3/2017
17050147-019D	LS-GW-TW-01		5/3/2017 8:37:00 AM	5/3/2017
17050147-020A	LS-GW-TW-02		5/3/2017 2:00:00 PM	5/3/2017
17050147-020B	LS-GW-TW-02		5/3/2017 2:00:00 PM	5/3/2017
17050147-020C	LS-GW-TW-02		5/3/2017 2:00:00 PM	5/3/2017
17050147-020D	LS-GW-TW-02		5/3/2017 2:00:00 PM	5/3/2017
17050147-021A	LS-GW-TW-04		5/3/2017 12:30:00 PM	5/3/2017
17050147-021B	LS-GW-TW-04		5/3/2017 12:30:00 PM	5/3/2017
17050147-021C	LS-GW-TW-04		5/3/2017 12:30:00 PM	5/3/2017
17050147-021D	LS-GW-TW-04		5/3/2017 12:30:00 PM	5/3/2017
17050147-022A	LS-GW-TW-07		5/3/2017 2:40:00 PM	5/3/2017
17050147-022B	LS-GW-TW-07		5/3/2017 2:40:00 PM	5/3/2017
17050147-022C	LS-GW-TW-07		5/3/2017 2:40:00 PM	5/3/2017
17050147-022D	LS-GW-TW-07		5/3/2017 2:40:00 PM	5/3/2017
17050147-023A	LS-EB-01		5/3/2017 3:05:00 PM	5/3/2017

**STAT Analysis Corporation**

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-001

**Client Sample ID:** LS-SB-GP-01 / 1-3'**Collection Date:** 5/3/2017 9:16:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.082		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0055		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0055		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.011		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.082		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.055		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0055		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0055		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0055		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.011		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0055		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0022		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0055		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.022		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.011		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0055		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	0.044	0.0055		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0055		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0055		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0055		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.016		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.041		mg/Kg-dry	1	5/10/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	5/10/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-001

**Client Sample ID:** LS-SB-GP-01 / 1-3'**Collection Date:** 5/3/2017 9:16:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.42		mg/Kg-dry	1	5/10/2017
Anthracene	ND	0.041		mg/Kg-dry	1	5/10/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	5/10/2017
Benzidine	ND	0.41		mg/Kg-dry	1	5/10/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	5/10/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	5/10/2017
Benzo(g,h,i)perylene	0.047	0.041		mg/Kg-dry	1	5/10/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	5/10/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	5/10/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	5/10/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	5/10/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	5/10/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	5/10/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/10/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	5/10/2017
Carbazole	ND	0.21		mg/Kg-dry	1	5/10/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	5/10/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	5/10/2017
2-Choronaphthalene	ND	0.21		mg/Kg-dry	1	5/10/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	5/10/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/10/2017
Chrysene	0.047	0.041		mg/Kg-dry	1	5/10/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	5/10/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	5/10/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/10/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/10/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/10/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	5/10/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	5/10/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	5/10/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	5/10/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	5/10/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	5/10/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	5/10/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/10/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/10/2017
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	5/10/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	5/10/2017

ND - Not Detected at the Reporting Limit

**Qualifiers:** J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-001

**Client Sample ID:** LS-SB-GP-01 / 1-3'**Collection Date:** 5/3/2017 9:16:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.077	0.041		mg/Kg-dry	1	5/10/2017
Fluorene	ND	0.041		mg/Kg-dry	1	5/10/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	5/10/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	5/10/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	5/10/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	5/10/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	5/10/2017
Isophorone	ND	0.21		mg/Kg-dry	1	5/10/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	5/10/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	5/10/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	5/10/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	5/10/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/10/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/10/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/10/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	5/10/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	5/10/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	5/10/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	5/10/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	5/10/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	5/10/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	5/10/2017
Pentachlorophenol	ND	0.084		mg/Kg-dry	1	5/10/2017
Phenanthrene	0.059	0.041		mg/Kg-dry	1	5/10/2017
Phenol	ND	0.21		mg/Kg-dry	1	5/10/2017
Pyrene	0.065	0.041		mg/Kg-dry	1	5/10/2017
Pyridine	ND	0.84		mg/Kg-dry	1	5/10/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	5/10/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/10/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/10/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.10		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-001

**Client Sample ID:** LS-SB-GP-01 / 1-3'**Collection Date:** 5/3/2017 9:16:00 AM**Matrix:** Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>				Prep Date: 5/8/2017	Analyst: GVC
TPH (GRO)	ND	24		mg/Kg-dry	1	5/9/2017
TPH (DRO)	ND	24		mg/Kg-dry	1	5/9/2017
TPH (ERO)	ND	24	*	mg/Kg-dry	1	5/9/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>				Prep Date: 5/9/2017	Analyst: JG
Arsenic	11	1.1		mg/Kg-dry	10	5/9/2017
Barium	110	1.1		mg/Kg-dry	10	5/9/2017
Cadmium	ND	0.55		mg/Kg-dry	10	5/9/2017
Chromium	22	1.1		mg/Kg-dry	10	5/9/2017
Lead	59	0.55		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/9/2017
Silver	ND	1.1		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>				Prep Date: 5/9/2017	Analyst: LB
Mercury	3.9	0.12		mg/Kg-dry	5	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>				Prep Date: 5/9/2017	Analyst: PBG
pH	9.69			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>				Prep Date: 5/5/2017	Analyst: RW
Percent Moisture	20.7	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
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RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
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 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-003

**Client Sample ID:** LS-SB-GP-02 / 1-3'**Collection Date:** 5/3/2017 9:32:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.064		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0042		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0042		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0085		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.064		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.042		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0042		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0042		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0085		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0042		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0085		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0042		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0042		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0042		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0042		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0085		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0042		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0042		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0042		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0042		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0042		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>DM</b>
Acenaphthene	ND	0.038		mg/Kg-dry	1	5/10/2017
Acenaphthylene	ND	0.038		mg/Kg-dry	1	5/10/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-003

**Client Sample ID:** LS-SB-GP-02 / 1-3'**Collection Date:** 5/3/2017 9:32:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>DM</b>
Aniline	ND	0.39		mg/Kg-dry	1	5/10/2017
Anthracene	ND	0.038		mg/Kg-dry	1	5/10/2017
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	5/10/2017
Benzidine	ND	0.38		mg/Kg-dry	1	5/10/2017
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	5/10/2017
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	5/10/2017
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	5/10/2017
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	5/10/2017
Benzoic acid	ND	0.96		mg/Kg-dry	1	5/10/2017
Benzyl alcohol	ND	0.20		mg/Kg-dry	1	5/10/2017
Bis(2-chloroethoxy)methane	ND	0.20		mg/Kg-dry	1	5/10/2017
Bis(2-chloroethyl)ether	ND	0.20		mg/Kg-dry	1	5/10/2017
Bis(2-ethylhexyl)phthalate	ND	0.96		mg/Kg-dry	1	5/10/2017
4-Bromophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/10/2017
Butyl benzyl phthalate	ND	0.20		mg/Kg-dry	1	5/10/2017
Carbazole	ND	0.20		mg/Kg-dry	1	5/10/2017
4-Chloroaniline	ND	0.20		mg/Kg-dry	1	5/10/2017
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	5/10/2017
2-Choronaphthalene	ND	0.20		mg/Kg-dry	1	5/10/2017
2-Chlorophenol	ND	0.20		mg/Kg-dry	1	5/10/2017
4-Chlorophenyl phenyl ether	ND	0.20		mg/Kg-dry	1	5/10/2017
Chrysene	ND	0.038		mg/Kg-dry	1	5/10/2017
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	5/10/2017
Dibenzofuran	ND	0.20		mg/Kg-dry	1	5/10/2017
1,2-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/10/2017
1,3-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/10/2017
1,4-Dichlorobenzene	ND	0.20		mg/Kg-dry	1	5/10/2017
3,3'-Dichlorobenzidine	ND	0.20		mg/Kg-dry	1	5/10/2017
2,4-Dichlorophenol	ND	0.20		mg/Kg-dry	1	5/10/2017
Diethyl phthalate	ND	0.20		mg/Kg-dry	1	5/10/2017
2,4-Dimethylphenol	ND	0.20		mg/Kg-dry	1	5/10/2017
Dimethyl phthalate	ND	0.20		mg/Kg-dry	1	5/10/2017
4,6-Dinitro-2-methylphenol	ND	0.38		mg/Kg-dry	1	5/10/2017
2,4-Dinitrophenol	ND	0.96		mg/Kg-dry	1	5/10/2017
2,4-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/10/2017
2,6-Dinitrotoluene	ND	0.038		mg/Kg-dry	1	5/10/2017
Di-n-butyl phthalate	ND	0.20		mg/Kg-dry	1	5/10/2017
Di-n-octyl phthalate	ND	0.20		mg/Kg-dry	1	5/10/2017

ND - Not Detected at the Reporting Limit

**Qualifiers:** J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-003

**Client Sample ID:** LS-SB-GP-02 / 1-3'**Collection Date:** 5/3/2017 9:32:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.038		mg/Kg-dry	1	5/10/2017
Fluorene	ND	0.038		mg/Kg-dry	1	5/10/2017
Hexachlorobenzene	ND	0.20		mg/Kg-dry	1	5/10/2017
Hexachlorobutadiene	ND	0.20		mg/Kg-dry	1	5/10/2017
Hexachlorocyclopentadiene	ND	0.20		mg/Kg-dry	1	5/10/2017
Hexachloroethane	ND	0.20		mg/Kg-dry	1	5/10/2017
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	5/10/2017
Isophorone	ND	0.20		mg/Kg-dry	1	5/10/2017
2-Methylnaphthalene	ND	0.20		mg/Kg-dry	1	5/10/2017
2-Methylphenol	ND	0.20		mg/Kg-dry	1	5/10/2017
4-Methylphenol	ND	0.20		mg/Kg-dry	1	5/10/2017
Naphthalene	ND	0.038		mg/Kg-dry	1	5/10/2017
2-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/10/2017
3-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/10/2017
4-Nitroaniline	ND	0.20		mg/Kg-dry	1	5/10/2017
2-Nitrophenol	ND	0.20		mg/Kg-dry	1	5/10/2017
4-Nitrophenol	ND	0.38		mg/Kg-dry	1	5/10/2017
Nitrobenzene	ND	0.038		mg/Kg-dry	1	5/10/2017
N-Nitrosodi-n-propylamine	ND	0.038		mg/Kg-dry	1	5/10/2017
N-Nitrosodimethylamine	ND	0.20		mg/Kg-dry	1	5/10/2017
N-Nitrosodiphenylamine	ND	0.20		mg/Kg-dry	1	5/10/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.20		mg/Kg-dry	1	5/10/2017
Pentachlorophenol	ND	0.078		mg/Kg-dry	1	5/10/2017
Phenanthrene	ND	0.038		mg/Kg-dry	1	5/10/2017
Phenol	ND	0.20		mg/Kg-dry	1	5/10/2017
Pyrene	ND	0.038		mg/Kg-dry	1	5/10/2017
Pyridine	ND	0.78		mg/Kg-dry	1	5/10/2017
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg-dry	1	5/10/2017
2,4,5-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/10/2017
2,4,6-Trichlorophenol	ND	0.20		mg/Kg-dry	1	5/10/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.093		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.093		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.093		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.093		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.093		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.093		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.093		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-02 / 1-3'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 9:32:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-003					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	22		mg/Kg-dry	1	5/10/2017
TPH (DRO)	ND	22		mg/Kg-dry	1	5/10/2017
TPH (ERO)	ND	22	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/9/2017		Analyst: JG
Arsenic	6.9	1.0		mg/Kg-dry	10	5/9/2017
Barium	49	1.0		mg/Kg-dry	10	5/9/2017
Cadmium	ND	0.51		mg/Kg-dry	10	5/9/2017
Chromium	21	1.0		mg/Kg-dry	10	5/9/2017
Lead	16	0.51		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.0		mg/Kg-dry	10	5/9/2017
Silver	ND	1.0		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/9/2017		Analyst: LB
Mercury	0.035	0.022		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/9/2017		Analyst: PBG
pH	10.4			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/5/2017		Analyst: RW
Percent Moisture	14.6	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-005

**Client Sample ID:** LS-SB-GP-03 / 2-4'**Collection Date:** 5/3/2017 8:56:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW5035/8260B</b>			<b>Prep Date: 5/4/2017</b>	<b>Analyst: PS</b>
Acetone	0.27	0.069		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0046		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0092		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.069		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.046		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0092		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0046		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0092		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.018		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0092		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	0.015	0.0046		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0046		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>			<b>Prep Date: 5/8/2017</b>	<b>Analyst: ERP</b>
Acenaphthene	ND	0.037		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-005

**Client Sample ID:** LS-SB-GP-03 / 2-4'**Collection Date:** 5/3/2017 8:56:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.37		mg/Kg-dry	1	5/9/2017
Anthracene	ND	0.037		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	0.13	0.037		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.37		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	0.14	0.037		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	0.19	0.037		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	0.16	0.037		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	0.083	0.037		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/9/2017
Chrysene	0.16	0.037		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:** J - Analyte detected below quantitation limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group      **Client Sample ID:** LS-SB-GP-03 / 2-4'  
**Work Order:** 17050147 Revision 0      **Collection Date:** 5/3/2017 8:56:00 AM  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park      **Matrix:** Soil  
**Lab ID:** 17050147-005

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.23	0.037		mg/Kg-dry	1	5/9/2017
Fluorene	ND	0.037		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	0.12	0.037		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Naphthalene	ND	0.037		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	5/9/2017
Phenanthrene	0.11	0.037		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Pyrene	0.23	0.037		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.75		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.090		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.090		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.090		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.090		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.090		mg/Kg-dry	1	5/6/2017
Aroclor 1254	0.15	0.090		mg/Kg-dry	1	5/6/2017
Aroclor 1260	0.22	0.090		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-03 / 2-4'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 8:56:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-005					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	21		mg/Kg-dry	1	5/10/2017
TPH (DRO)	43	21		mg/Kg-dry	1	5/10/2017
TPH (ERO)	230	21	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/9/2017		Analyst: JG
Arsenic	10	0.96		mg/Kg-dry	10	5/9/2017
Barium	630	0.96		mg/Kg-dry	10	5/9/2017
Cadmium	14	0.48		mg/Kg-dry	10	5/9/2017
Chromium	100	0.96		mg/Kg-dry	10	5/9/2017
Lead	2500	0.48		mg/Kg-dry	10	5/9/2017
Selenium	1.5	0.96		mg/Kg-dry	10	5/9/2017
Silver	3.5	0.96		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/9/2017		Analyst: LB
Mercury	2.9	0.10		mg/Kg-dry	5	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/9/2017		Analyst: PBG
pH	8.21			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/5/2017		Analyst: RW
Percent Moisture	12.2	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-007

**Client Sample ID:** LS-SB-GP-04 / 2-4'**Collection Date:** 5/3/2017 9:54:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	0.066	0.065		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0043		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0043		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0086		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.065		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.043		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0086		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0043		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0086		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.017		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0086		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0043		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.013		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Acenaphthene	ND	0.035		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.035		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-007

**Client Sample ID:** LS-SB-GP-04 / 2-4'**Collection Date:** 5/3/2017 9:54:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.35		mg/Kg-dry	1	5/9/2017
Anthracene	0.065	0.035		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	0.17	0.035		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.35		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	0.13	0.035		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	0.16	0.035		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	0.091	0.035		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	0.12	0.035		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	0.88		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.18		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.18		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.18		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	0.88		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.18		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.18		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.18		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.35		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.18		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.18		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.18		mg/Kg-dry	1	5/9/2017
Chrysene	0.18	0.035		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	0.058	0.035		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.18		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.18		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.18		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.18		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.18		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.18		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.18		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.35		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	0.88		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.035		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.035		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.18		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.18		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

Qualifiers: J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

\* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-04 / 2-4'
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 9:54:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050147-007		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.33	0.035		mg/Kg-dry	1	5/9/2017
Fluorene	ND	0.035		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.18		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.18		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.18		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.18		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	0.081	0.035		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.18		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	ND	0.18		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.18		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.18		mg/Kg-dry	1	5/9/2017
Naphthalene	ND	0.035		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.18		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.18		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.18		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.18		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.35		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.035		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.035		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.18		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.18		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.18		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.071		mg/Kg-dry	1	5/9/2017
Phenanthrene	0.24	0.035		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.18		mg/Kg-dry	1	5/9/2017
Pyrene	0.28	0.035		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.71		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.18		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.18		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.18		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.084		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.084		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.084		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.084		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.084		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.084		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.084		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

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\* - Non-accredited parameter

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-04 / 2-4'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 9:54:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-007					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>					
TPH (GRO)	ND	20		mg/Kg-dry	1	5/10/2017
TPH (DRO)	ND	20		mg/Kg-dry	1	5/10/2017
TPH (ERO)	29	20	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>					
Arsenic	6.3	0.90		mg/Kg-dry	10	5/9/2017
Barium	100	0.90		mg/Kg-dry	10	5/9/2017
Cadmium	0.73	0.45		mg/Kg-dry	10	5/9/2017
Chromium	20	0.90		mg/Kg-dry	10	5/9/2017
Lead	100	0.45		mg/Kg-dry	10	5/9/2017
Selenium	ND	0.90		mg/Kg-dry	10	5/9/2017
Silver	ND	0.90		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>					
Mercury	0.081	0.017		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>					
pH	10.9			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>					
Percent Moisture	6.7	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-009

**Client Sample ID:** LS-SB-GP-05 / 1-3'**Collection Date:** 5/3/2017 10:55:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.071		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0047		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0047		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0094		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.071		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.047		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0094		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0047		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0094		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.019		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0094		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0047		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.014		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Acenaphthene	0.076	0.037		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.037		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

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Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-009

**Client Sample ID:** LS-SB-GP-05 / 1-3'**Collection Date:** 5/3/2017 10:55:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.38		mg/Kg-dry	1	5/9/2017
Anthracene	0.10	0.037		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	0.21	0.037		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.37		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	0.18	0.037		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	0.22	0.037		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	0.12	0.037		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	0.11	0.037		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	0.93		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.19		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.19		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.19		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	0.93		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.19		mg/Kg-dry	1	5/9/2017
Chrysene	0.23	0.037		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	0.058	0.037		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.19		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.37		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	0.93		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.037		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.19		mg/Kg-dry	1	5/9/2017

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-05 / 1-3'
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 10:55:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050147-009		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.55	0.037		mg/Kg-dry	1	5/9/2017
Fluorene	0.070	0.037		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.19		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.19		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.19		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	0.096	0.037		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Naphthalene	0.044	0.037		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.19		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.37		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.037		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.037		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.19		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.19		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.19		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.075		mg/Kg-dry	1	5/9/2017
Phenanthrene	0.44	0.037		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.19		mg/Kg-dry	1	5/9/2017
Pyrene	0.46	0.037		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.75		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.19		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.089		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.089		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.089		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.089		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.089		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.089		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.089		mg/Kg-dry	1	5/6/2017

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-05 / 1-3'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 10:55:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-009					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	21		mg/Kg-dry	1	5/10/2017
TPH (DRO)	28	21		mg/Kg-dry	1	5/10/2017
TPH (ERO)	ND	21	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/9/2017		Analyst: JG
Arsenic	7.4	1.0		mg/Kg-dry	10	5/9/2017
Barium	110	1.0		mg/Kg-dry	10	5/9/2017
Cadmium	2.2	0.51		mg/Kg-dry	10	5/9/2017
Chromium	22	1.0		mg/Kg-dry	10	5/9/2017
Lead	1100	0.51		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.0		mg/Kg-dry	10	5/9/2017
Silver	ND	1.0		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/9/2017		Analyst: LB
Mercury	2.9	0.10		mg/Kg-dry	5	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/9/2017		Analyst: PBG
pH	9.94			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/5/2017		Analyst: RW
Percent Moisture	11.7	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-011

**Client Sample ID:** LS-SB-GP-07 / 1-3'**Collection Date:** 5/3/2017 10:35:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	0.30	0.099		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0066		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0066		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.013		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.099		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.066		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0066		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0066		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.013		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0066		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.013		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0066		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0066		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0066		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0026		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0066		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.026		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.026		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.013		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0066		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0066		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0066		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0066		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0066		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.020		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Acenaphthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-011

**Client Sample ID:** LS-SB-GP-07 / 1-3'**Collection Date:** 5/3/2017 10:35:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.42		mg/Kg-dry	1	5/9/2017
Anthracene	0.053	0.041		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	0.17	0.041		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.41		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	0.14	0.041		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	0.14	0.041		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	0.10	0.041		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	0.15	0.041		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Chrysene	0.20	0.041		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

**Qualifiers:** J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-011

**Client Sample ID:** LS-SB-GP-07 / 1-3'**Collection Date:** 5/3/2017 10:35:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.33	0.041		mg/Kg-dry	1	5/9/2017
Fluorene	ND	0.041		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	0.081	0.041		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.084		mg/Kg-dry	1	5/9/2017
Phenanthrene	0.22	0.041		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Pyrene	0.30	0.041		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.84		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.10		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.10		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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H - Holding time exceeded

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-07 / 1-3'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 10:35:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-011					
<hr/>						
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>				<b>SW8015M (SW3580A)</b>	Prep Date: <b>5/8/2017</b>	Analyst: <b>GVC</b>
TPH (GRO)	ND	25		mg/Kg-dry	1	5/10/2017
TPH (DRO)	ND	25		mg/Kg-dry	1	5/10/2017
TPH (ERO)	ND	25	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>				<b>SW6020 (SW3050B)</b>	Prep Date: <b>5/9/2017</b>	Analyst: <b>JG</b>
Arsenic	9.3	1.1		mg/Kg-dry	10	5/9/2017
Barium	130	1.1		mg/Kg-dry	10	5/9/2017
Cadmium	1.3	0.56		mg/Kg-dry	10	5/9/2017
Chromium	21	1.1		mg/Kg-dry	10	5/9/2017
Lead	110	0.56		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/9/2017
Silver	ND	1.1		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>				<b>SW7471A</b>	Prep Date: <b>5/9/2017</b>	Analyst: <b>LB</b>
Mercury	0.16	0.021		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>				<b>SW9045C</b>	Prep Date: <b>5/9/2017</b>	Analyst: <b>PBG</b>
pH	7.40			pH Units	1	5/9/2017
<b>Percent Moisture</b>				<b>D2974</b>	Prep Date: <b>5/5/2017</b>	Analyst: <b>RW</b>
Percent Moisture	20.9	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-013

**Client Sample ID:** LS-SB-GP-08 / 2-4'**Collection Date:** 5/3/2017 10:14:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.087		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0058		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0058		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.012		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.087		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.058		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0058		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0058		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.012		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0058		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.012		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0058		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0058		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0023		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0058		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.023		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.012		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0058		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0058		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0058		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0058		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0058		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.017		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Acenaphthene	0.13	0.041		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-013

**Client Sample ID:** LS-SB-GP-08 / 2-4'**Collection Date:** 5/3/2017 10:14:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C (SW3550B)</b>		Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.41		mg/Kg-dry	1	5/9/2017
Anthracene	0.074	0.041		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.41		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Chrysene	0.042	0.041		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-08 / 2-4'
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 10:14:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050147-013		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	0.041	0.041		mg/Kg-dry	1	5/9/2017
Fluorene	0.25	0.041		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	1.4	0.21		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Naphthalene	0.19	0.041		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.083		mg/Kg-dry	1	5/9/2017
Phenanthrene	0.53	0.041		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Pyrene	0.061	0.041		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.83		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.098		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-08 / 2-4'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 10:14:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-013					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	66	24		mg/Kg-dry	1	5/10/2017
TPH (DRO)	370	24		mg/Kg-dry	1	5/10/2017
TPH (ERO)	53	24	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/9/2017		Analyst: JG
Arsenic	12	1.1		mg/Kg-dry	10	5/9/2017
Barium	110	1.1		mg/Kg-dry	10	5/9/2017
Cadmium	0.70	0.53		mg/Kg-dry	10	5/9/2017
Chromium	18	1.1		mg/Kg-dry	10	5/9/2017
Lead	100	0.53		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/9/2017
Silver	ND	1.1		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/9/2017		Analyst: LB
Mercury	0.13	0.024		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/9/2017		Analyst: PBG
pH	7.35			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/5/2017		Analyst: RW
Percent Moisture	19.3	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
 ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group      **Client Sample ID:** LS-SB-GP-17 / 1-3<sup>1</sup>  
**Work Order:** 17050147 Revision 0      **Collection Date:** 5/3/2017 11:51:00 AM  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park      **Matrix:** Soil  
**Lab ID:** 17050147-015

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.054		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0036		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0036		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.0072		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.054		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.036		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0036		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0036		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.0072		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0036		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.0072		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0036		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0036		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0036		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0014		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0014		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0036		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.014		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.014		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.0072		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0036		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0036		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0036		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0036		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0036		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.011		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Acenaphthene	ND	0.040		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.040		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-015

**Client Sample ID:** LS-SB-GP-17 / 1-3'**Collection Date:** 5/3/2017 11:51:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.41		mg/Kg-dry	1	5/9/2017
Anthracene	ND	0.040		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.40		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.40		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Chrysene	ND	0.040		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.40		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.040		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

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S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

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Accreditations:IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-17 / 1-3'
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 11:51:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil
<b>Lab ID:</b>	17050147-015		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.040		mg/Kg-dry	1	5/9/2017
Fluorene	ND	0.040		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Naphthalene	ND	0.040		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.40		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.040		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.040		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.082		mg/Kg-dry	1	5/9/2017
Phenanthrene	ND	0.040		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Pyrene	ND	0.040		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.82		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.098		mg/Kg-dry	1	5/6/2017

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RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-17 / 1-3'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 11:51:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-015					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	24		mg/Kg-dry	1	5/10/2017
TPH (DRO)		26		mg/Kg-dry	1	5/10/2017
TPH (ERO)	ND	24	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/9/2017		Analyst: JG
Arsenic	12	1.1		mg/Kg-dry	10	5/9/2017
Barium	110	1.1		mg/Kg-dry	10	5/9/2017
Cadmium	0.80	0.55		mg/Kg-dry	10	5/9/2017
Chromium	20	1.1		mg/Kg-dry	10	5/9/2017
Lead	130	0.55		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/9/2017
Silver	ND	1.1		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/9/2017		Analyst: LB
Mercury	0.071	0.021		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/9/2017		Analyst: PBG
pH	9.12			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/5/2017		Analyst: RW
Percent Moisture	18.6	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group      **Client Sample ID:** LS-SB-GP-19 / 1-3<sup>1</sup>  
**Work Order:** 17050147 Revision 0      **Collection Date:** 5/3/2017 11:25:00 AM  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park      **Matrix:** Soil  
**Lab ID:** 17050147-017

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW5035/8260B</b>			Prep Date: <b>5/4/2017</b>		Analyst: <b>PS</b>
Acetone	ND	0.10		mg/Kg-dry	1	5/10/2017
Benzene	ND	0.0069		mg/Kg-dry	1	5/10/2017
Bromodichloromethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
Bromoform	ND	0.0069		mg/Kg-dry	1	5/10/2017
Bromomethane	ND	0.014		mg/Kg-dry	1	5/10/2017
2-Butanone	ND	0.10		mg/Kg-dry	1	5/10/2017
Carbon disulfide	ND	0.069		mg/Kg-dry	1	5/10/2017
Carbon tetrachloride	ND	0.0069		mg/Kg-dry	1	5/10/2017
Chlorobenzene	ND	0.0069		mg/Kg-dry	1	5/10/2017
Chloroethane	ND	0.014		mg/Kg-dry	1	5/10/2017
Chloroform	ND	0.0069		mg/Kg-dry	1	5/10/2017
Chloromethane	ND	0.014		mg/Kg-dry	1	5/10/2017
Dibromochloromethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,2-Dichloroethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,1-Dichloroethene	ND	0.0069		mg/Kg-dry	1	5/10/2017
cis-1,2-Dichloroethene	ND	0.0069		mg/Kg-dry	1	5/10/2017
trans-1,2-Dichloroethene	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,2-Dichloropropane	ND	0.0069		mg/Kg-dry	1	5/10/2017
cis-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	5/10/2017
trans-1,3-Dichloropropene	ND	0.0027		mg/Kg-dry	1	5/10/2017
Ethylbenzene	ND	0.0069		mg/Kg-dry	1	5/10/2017
2-Hexanone	ND	0.027		mg/Kg-dry	1	5/10/2017
4-Methyl-2-pentanone	ND	0.027		mg/Kg-dry	1	5/10/2017
Methylene chloride	ND	0.014		mg/Kg-dry	1	5/10/2017
Methyl tert-butyl ether	ND	0.0069		mg/Kg-dry	1	5/10/2017
Styrene	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,1,2,2-Tetrachloroethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
Tetrachloroethene	ND	0.0069		mg/Kg-dry	1	5/10/2017
Toluene	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,1,1-Trichloroethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
1,1,2-Trichloroethane	ND	0.0069		mg/Kg-dry	1	5/10/2017
Trichloroethene	ND	0.0069		mg/Kg-dry	1	5/10/2017
Vinyl chloride	ND	0.0069		mg/Kg-dry	1	5/10/2017
Xylenes, Total	ND	0.021		mg/Kg-dry	1	5/10/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Acenaphthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Acenaphthylene	ND	0.041		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-017

**Client Sample ID:** LS-SB-GP-19 / 1-3'**Collection Date:** 5/3/2017 11:25:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C (SW3550B)</b>			Prep Date: <b>5/8/2017</b>		Analyst: <b>ERP</b>
Aniline	ND	0.41		mg/Kg-dry	1	5/9/2017
Anthracene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzidine	ND	0.41		mg/Kg-dry	1	5/9/2017
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Benzoic acid	ND	1.0		mg/Kg-dry	1	5/9/2017
Benzyl alcohol	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethoxy)methane	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-chloroethyl)ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Bis(2-ethylhexyl)phthalate	ND	1.0		mg/Kg-dry	1	5/9/2017
4-Bromophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Butyl benzyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Carbazole	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	5/9/2017
2-Choronaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Chlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Chlorophenyl phenyl ether	ND	0.21		mg/Kg-dry	1	5/9/2017
Chrysene	ND	0.041		mg/Kg-dry	1	5/9/2017
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	5/9/2017
Dibenzofuran	ND	0.21		mg/Kg-dry	1	5/9/2017
1,2-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,3-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
1,4-Dichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
3,3'-Dichlorobenzidine	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Diethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4-Dimethylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Dimethyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
4,6-Dinitro-2-methylphenol	ND	0.41		mg/Kg-dry	1	5/9/2017
2,4-Dinitrophenol	ND	1.0		mg/Kg-dry	1	5/9/2017
2,4-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/9/2017
2,6-Dinitrotoluene	ND	0.041		mg/Kg-dry	1	5/9/2017
Di-n-butyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017
Di-n-octyl phthalate	ND	0.21		mg/Kg-dry	1	5/9/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-017

**Client Sample ID:** LS-SB-GP-19 / 1-3'**Collection Date:** 5/3/2017 11:25:00 AM**Matrix:** Soil

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Fluoranthene	ND	0.041		mg/Kg-dry	1	5/9/2017
Fluorene	ND	0.041		mg/Kg-dry	1	5/9/2017
Hexachlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorobutadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachlorocyclopentadiene	ND	0.21		mg/Kg-dry	1	5/9/2017
Hexachloroethane	ND	0.21		mg/Kg-dry	1	5/9/2017
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	5/9/2017
Isophorone	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylnaphthalene	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Methylphenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Naphthalene	ND	0.041		mg/Kg-dry	1	5/9/2017
2-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
3-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitroaniline	ND	0.21		mg/Kg-dry	1	5/9/2017
2-Nitrophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
4-Nitrophenol	ND	0.41		mg/Kg-dry	1	5/9/2017
Nitrobenzene	ND	0.041		mg/Kg-dry	1	5/9/2017
N-Nitrosodi-n-propylamine	ND	0.041		mg/Kg-dry	1	5/9/2017
N-Nitrosodimethylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
N-Nitrosodiphenylamine	ND	0.21		mg/Kg-dry	1	5/9/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.21		mg/Kg-dry	1	5/9/2017
Pentachlorophenol	ND	0.083		mg/Kg-dry	1	5/9/2017
Phenanthrene	ND	0.041		mg/Kg-dry	1	5/9/2017
Phenol	ND	0.21		mg/Kg-dry	1	5/9/2017
Pyrene	ND	0.041		mg/Kg-dry	1	5/9/2017
Pyridine	ND	0.83		mg/Kg-dry	1	5/9/2017
1,2,4-Trichlorobenzene	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,5-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
2,4,6-Trichlorophenol	ND	0.21		mg/Kg-dry	1	5/9/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1221	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1232	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1242	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1248	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1254	ND	0.098		mg/Kg-dry	1	5/6/2017
Aroclor 1260	ND	0.098		mg/Kg-dry	1	5/6/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

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R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-SB-GP-19 / 1-3'			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 11:25:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Soil			
<b>Lab ID:</b>	17050147-017					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Total Petroleum Hydrocarbons</b>	<b>SW8015M (SW3580A)</b>			Prep Date: 5/8/2017		Analyst: GVC
TPH (GRO)	ND	24		mg/Kg-dry	1	5/10/2017
TPH (DRO)	ND	24		mg/Kg-dry	1	5/10/2017
TPH (ERO)	ND	24	*	mg/Kg-dry	1	5/10/2017
<b>Metals by ICP/MS</b>	<b>SW6020 (SW3050B)</b>			Prep Date: 5/9/2017		Analyst: JG
Arsenic	4.5	1.1		mg/Kg-dry	10	5/9/2017
Barium	73	1.1		mg/Kg-dry	10	5/9/2017
Cadmium	1.7	0.55		mg/Kg-dry	10	5/9/2017
Chromium	13	1.1		mg/Kg-dry	10	5/9/2017
Lead	43	0.55		mg/Kg-dry	10	5/9/2017
Selenium	ND	1.1		mg/Kg-dry	10	5/9/2017
Silver	ND	1.1		mg/Kg-dry	10	5/9/2017
<b>Mercury</b>	<b>SW7471A</b>			Prep Date: 5/9/2017		Analyst: LB
Mercury	0.044	0.023		mg/Kg-dry	1	5/9/2017
<b>pH (25 °C)</b>	<b>SW9045C</b>			Prep Date: 5/9/2017		Analyst: PBG
pH	9.87			pH Units	1	5/9/2017
<b>Percent Moisture</b>	<b>D2974</b>			Prep Date: 5/5/2017		Analyst: RW
Percent Moisture	20.4	0.2	*	wt%	1	5/6/2017

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 HT - Sample received past holding time  
 \* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range  
 H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-019

**Client Sample ID:** LS-GW-TW-01**Collection Date:** 5/3/2017 8:37:00 AM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		<b>Analyst: JNM</b>
Acetone	ND	0.020		mg/L	1	5/9/2017
Benzene	ND	0.0050		mg/L	1	5/9/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/9/2017
Bromoform	ND	0.0050		mg/L	1	5/9/2017
Bromomethane	ND	0.010		mg/L	1	5/9/2017
2-Butanone	ND	0.020		mg/L	1	5/9/2017
Carbon disulfide	ND	0.010		mg/L	1	5/9/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/9/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/9/2017
Chloroethane	ND	0.010		mg/L	1	5/9/2017
Chloroform	ND	0.0050		mg/L	1	5/9/2017
Chloromethane	ND	0.010		mg/L	1	5/9/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/9/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
Ethylbenzene	ND	0.0050		mg/L	1	5/9/2017
2-Hexanone	ND	0.020		mg/L	1	5/9/2017
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/9/2017
Methylene chloride	ND	0.0050		mg/L	1	5/9/2017
Methyl tert-butyl ether	0.0091	0.0050		mg/L	1	5/9/2017
Styrene	ND	0.0050		mg/L	1	5/9/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/9/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/9/2017
Toluene	ND	0.0050		mg/L	1	5/9/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
Trichloroethene	ND	0.0050		mg/L	1	5/9/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/9/2017
Xylenes, Total	ND	0.015		mg/L	1	5/9/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C-SIM (SW3510C)</b>		Prep Date:	<b>5/8/2017</b>	<b>Analyst: DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/8/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

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E - Value above quantitation range

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-019

**Client Sample ID:** LS-GW-TW-01**Collection Date:** 5/3/2017 8:37:00 AM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Anthracene	ND	0.0010		mg/L	1	5/8/2017
Benz(a)anthracene	ND	0.00010		mg/L	1	5/8/2017
Benzo(a)pyrene	ND	0.00010		mg/L	1	5/8/2017
Benzo(b)fluoranthene	ND	0.00010		mg/L	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.0010		mg/L	1	5/8/2017
Benzo(k)fluoranthene	ND	0.00010		mg/L	1	5/8/2017
Chrysene	ND	0.00010		mg/L	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.00010		mg/L	1	5/8/2017
Fluoranthene	ND	0.0010		mg/L	1	5/8/2017
Fluorene	ND	0.0010		mg/L	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.00010		mg/L	1	5/8/2017
Naphthalene	ND	0.0010		mg/L	1	5/8/2017
Phenanthrene	ND	0.0010		mg/L	1	5/8/2017
Pyrene	ND	0.0010		mg/L	1	5/8/2017
Carbazole	ND	0.00010		mg/L	1	5/8/2017
2,4-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
2,6-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.00010		mg/L	1	5/8/2017
Nitrobenzene	ND	0.0010		mg/L	1	5/8/2017
Pentachlorophenol	ND	0.00050		mg/L	1	5/8/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
Aniline	ND	0.0050		mg/L	1	5/8/2017
Benzidine	ND	0.0050		mg/L	1	5/8/2017
Benzoic acid	ND	0.025		mg/L	1	5/8/2017
Benzyl alcohol	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.0050		mg/L	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Butyl benzyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Chloroaniline	ND	0.0050		mg/L	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Chloronaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Chlorophenol	ND	0.0050		mg/L	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Dibenzofuran	ND	0.0050		mg/L	1	5/8/2017
1,2-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
1,3-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-01
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 8:37:00 AM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050147-019		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/8/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/8/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/8/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/8/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/8/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/8/2017
Isophorone	ND	0.0050		mg/L	1	5/8/2017
2-Methylnaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
4-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/8/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/8/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/8/2017
Phenol	ND	0.0050		mg/L	1	5/8/2017
Pyridine	ND	0.0050		mg/L	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-01			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 8:37:00 AM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous			
<b>Lab ID:</b>	17050147-019					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>PCBs</b> Aroclor 1260		<b>SW8082 (SW3510C)</b>				
	ND	0.00050		mg/L	1	Analyst: <b>GVC</b> 5/8/2017
<b>Dissolved Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>				
Arsenic	0.0066	0.0040		mg/L	2	5/5/2017
Barium	0.27	0.0040		mg/L	2	5/5/2017
Cadmium	ND	0.0020		mg/L	2	5/5/2017
Chromium	ND	0.0080		mg/L	2	5/5/2017
Lead	0.0073	0.0020		mg/L	2	5/5/2017
Selenium	ND	0.0040		mg/L	2	5/5/2017
Silver	ND	0.0040		mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>				
Arsenic	0.10	0.020		mg/L	2	5/6/2017
Barium	4.6	0.020		mg/L	2	5/6/2017
Cadmium	0.049	0.010		mg/L	2	5/6/2017
Chromium	0.27	0.020		mg/L	2	5/6/2017
Lead	3.9	0.010		mg/L	2	5/6/2017
Selenium	ND	0.020		mg/L	2	5/6/2017
Silver	ND	0.020		mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>		<b>SW7470A</b>				
Mercury	ND	0.00020		mg/L	1	Analyst: <b>LB</b> 5/5/2017
<b>Mercury</b>		<b>SW7470A</b>				
Mercury	ND	0.00020		mg/L	1	Analyst: <b>LB</b> 5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-020

**Client Sample ID:** LS-GW-TW-02**Collection Date:** 5/3/2017 2:00:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		<b>Analyst: JNM</b>
Acetone	0.035	0.020		mg/L	1	5/9/2017
Benzene	ND	0.0050		mg/L	1	5/9/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/9/2017
Bromoform	ND	0.0050		mg/L	1	5/9/2017
Bromomethane	ND	0.010		mg/L	1	5/9/2017
2-Butanone	ND	0.020		mg/L	1	5/9/2017
Carbon disulfide	ND	0.010		mg/L	1	5/9/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/9/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/9/2017
Chloroethane	ND	0.010		mg/L	1	5/9/2017
Chloroform	ND	0.0050		mg/L	1	5/9/2017
Chloromethane	ND	0.010		mg/L	1	5/9/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/9/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
Ethylbenzene	ND	0.0050		mg/L	1	5/9/2017
2-Hexanone	ND	0.020		mg/L	1	5/9/2017
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/9/2017
Methylene chloride	ND	0.0050		mg/L	1	5/9/2017
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/9/2017
Styrene	ND	0.0050		mg/L	1	5/9/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/9/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/9/2017
Toluene	ND	0.0050		mg/L	1	5/9/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
Trichloroethene	ND	0.0050		mg/L	1	5/9/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/9/2017
Xylenes, Total	ND	0.015		mg/L	1	5/9/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C-SIM (SW3510C)</b>		Prep Date:	<b>5/8/2017</b>	<b>Analyst: DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/8/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/8/2017

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HT - Sample received past holding time

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-020

**Client Sample ID:** LS-GW-TW-02**Collection Date:** 5/3/2017 2:00:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Anthracene	ND	0.0010		mg/L	1	5/8/2017
Benz(a)anthracene	ND	0.00010		mg/L	1	5/8/2017
Benzo(a)pyrene	ND	0.00010		mg/L	1	5/8/2017
Benzo(b)fluoranthene	ND	0.00010		mg/L	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.0010		mg/L	1	5/8/2017
Benzo(k)fluoranthene	ND	0.00010		mg/L	1	5/8/2017
Chrysene	ND	0.00010		mg/L	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.00010		mg/L	1	5/8/2017
Fluoranthene	ND	0.0010		mg/L	1	5/8/2017
Fluorene	ND	0.0010		mg/L	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.00010		mg/L	1	5/8/2017
Naphthalene	ND	0.0010		mg/L	1	5/8/2017
Phenanthrene	ND	0.0010		mg/L	1	5/8/2017
Pyrene	ND	0.0010		mg/L	1	5/8/2017
Carbazole	ND	0.00010		mg/L	1	5/8/2017
2,4-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
2,6-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.00010		mg/L	1	5/8/2017
Nitrobenzene	ND	0.0010		mg/L	1	5/8/2017
Pentachlorophenol	ND	0.00050		mg/L	1	5/8/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
Aniline	ND	0.0050		mg/L	1	5/8/2017
Benzidine	ND	0.0050		mg/L	1	5/8/2017
Benzoic acid	ND	0.025		mg/L	1	5/8/2017
Benzyl alcohol	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.0050		mg/L	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Butyl benzyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Chloroaniline	ND	0.0050		mg/L	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Chloronaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Chlorophenol	ND	0.0050		mg/L	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Dibenzofuran	ND	0.0050		mg/L	1	5/8/2017
1,2-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
1,3-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-02
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 2:00:00 PM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050147-020		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/8/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/8/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/8/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/8/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/8/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/8/2017
Isophorone	ND	0.0050		mg/L	1	5/8/2017
2-Methylnaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
4-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/8/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/8/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/8/2017
Phenol	ND	0.0050		mg/L	1	5/8/2017
Pyridine	ND	0.0050		mg/L	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/8/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/8/2017

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-02			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 2:00:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous			
<b>Lab ID:</b>	17050147-020					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>PCBs</b> Aroclor 1260		<b>SW8082 (SW3510C)</b>				
	ND	0.00050		mg/L	1	Analyst: <b>GVC</b> 5/8/2017
<b>Dissolved Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>				
Arsenic	0.0064	0.0040		mg/L	2	5/5/2017
Barium	0.11	0.0040		mg/L	2	5/5/2017
Cadmium	ND	0.0020		mg/L	2	5/5/2017
Chromium	ND	0.0080		mg/L	2	5/5/2017
Lead	0.019	0.0020		mg/L	2	5/5/2017
Selenium	ND	0.0040		mg/L	2	5/5/2017
Silver	ND	0.0040		mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>		<b>SW6020 (SW3005A)</b>				
Arsenic	0.23	0.020		mg/L	2	5/6/2017
Barium	2.5	0.020		mg/L	2	5/6/2017
Cadmium	0.010	0.010		mg/L	2	5/6/2017
Chromium	0.35	0.020		mg/L	2	5/6/2017
Lead	3.0	0.010		mg/L	2	5/6/2017
Selenium	ND	0.020		mg/L	2	5/6/2017
Silver	ND	0.020		mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>		<b>SW7470A</b>				
Mercury	ND	0.00020		mg/L	1	Analyst: <b>LB</b> 5/5/2017
<b>Mercury</b>		<b>SW7470A</b>				
Mercury	0.00023	0.00020		mg/L	1	Analyst: <b>LB</b> 5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

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H - Holding time exceeded

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-021

**Client Sample ID:** LS-GW-TW-04**Collection Date:** 5/3/2017 12:30:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
	<b>SW8260B (SW5030B)</b>			Prep Date:		<b>Analyst: JNM</b>
Acetone	ND	0.020		mg/L	1	5/9/2017
Benzene	ND	0.0050		mg/L	1	5/9/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/9/2017
Bromoform	ND	0.0050		mg/L	1	5/9/2017
Bromomethane	ND	0.010		mg/L	1	5/9/2017
2-Butanone	ND	0.020		mg/L	1	5/9/2017
Carbon disulfide	ND	0.010		mg/L	1	5/9/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/9/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/9/2017
Chloroethane	ND	0.010		mg/L	1	5/9/2017
Chloroform	ND	0.0050		mg/L	1	5/9/2017
Chloromethane	ND	0.010		mg/L	1	5/9/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/9/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
Ethylbenzene	ND	0.0050		mg/L	1	5/9/2017
2-Hexanone	ND	0.020		mg/L	1	5/9/2017
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/9/2017
Methylene chloride	ND	0.0050		mg/L	1	5/9/2017
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/9/2017
Styrene	ND	0.0050		mg/L	1	5/9/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/9/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/9/2017
Toluene	ND	0.0050		mg/L	1	5/9/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
Trichloroethene	ND	0.0050		mg/L	1	5/9/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/9/2017
Xylenes, Total	ND	0.015		mg/L	1	5/9/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
	<b>SW8270C-SIM (SW3510C)</b>			Prep Date:	<b>5/8/2017</b>	<b>Analyst: DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/8/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-021

**Client Sample ID:** LS-GW-TW-04**Collection Date:** 5/3/2017 12:30:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Anthracene	ND	0.0010		mg/L	1	5/8/2017
Benz(a)anthracene	ND	0.00010		mg/L	1	5/8/2017
Benzo(a)pyrene	ND	0.00010		mg/L	1	5/8/2017
Benzo(b)fluoranthene	ND	0.00010		mg/L	1	5/8/2017
Benzo(g,h,i)perylene	ND	0.0010		mg/L	1	5/8/2017
Benzo(k)fluoranthene	ND	0.00010		mg/L	1	5/8/2017
Chrysene	ND	0.00010		mg/L	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.00010		mg/L	1	5/8/2017
Fluoranthene	ND	0.0010		mg/L	1	5/8/2017
Fluorene	ND	0.0010		mg/L	1	5/8/2017
Indeno(1,2,3-cd)pyrene	ND	0.00010		mg/L	1	5/8/2017
Naphthalene	ND	0.0010		mg/L	1	5/8/2017
Phenanthrene	ND	0.0010		mg/L	1	5/8/2017
Pyrene	ND	0.0010		mg/L	1	5/8/2017
Carbazole	ND	0.00010		mg/L	1	5/8/2017
2,4-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
2,6-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.00010		mg/L	1	5/8/2017
Nitrobenzene	ND	0.0010		mg/L	1	5/8/2017
Pentachlorophenol	ND	0.00050		mg/L	1	5/8/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
Aniline	ND	0.0050		mg/L	1	5/8/2017
Benzidine	ND	0.0050		mg/L	1	5/8/2017
Benzoic acid	ND	0.025		mg/L	1	5/8/2017
Benzyl alcohol	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.0050		mg/L	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Butyl benzyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Chloroaniline	ND	0.0050		mg/L	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Chloronaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Chlorophenol	ND	0.0050		mg/L	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Dibenzofuran	ND	0.0050		mg/L	1	5/8/2017
1,2-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
1,3-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-04
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 12:30:00 PM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050147-021		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/8/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/8/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/8/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/8/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/8/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/8/2017
Isophorone	ND	0.0050		mg/L	1	5/8/2017
2-Methylnaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
4-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/8/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/8/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/8/2017
Phenol	ND	0.0050		mg/L	1	5/8/2017
Pyridine	ND	0.0050		mg/L	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/9/2017

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**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-021

**Client Sample ID:** LS-GW-TW-04**Collection Date:** 5/3/2017 12:30:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>PCBs</b>						
Aroclor 1260	SW8082 (SW3510C)	ND	0.00050	mg/L	1	5/9/2017
<b>Dissolved Metals by ICP/MS</b>						
	SW6020 (SW3005A)					
Arsenic	0.0070	0.0040		mg/L	2	5/5/2017
Barium	0.052	0.0040		mg/L	2	5/5/2017
Cadmium	ND	0.0020		mg/L	2	5/5/2017
Chromium	ND	0.0080		mg/L	2	5/5/2017
Lead	0.0022	0.0020		mg/L	2	5/5/2017
Selenium	ND	0.0040		mg/L	2	5/5/2017
Silver	ND	0.0040		mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>						
	SW6020 (SW3005A)					
Arsenic	0.012	0.0040		mg/L	2	5/6/2017
Barium	0.17	0.0040		mg/L	2	5/6/2017
Cadmium	ND	0.0020		mg/L	2	5/6/2017
Chromium	0.028	0.0040		mg/L	2	5/6/2017
Lead	0.028	0.0020		mg/L	2	5/6/2017
Selenium	ND	0.0040		mg/L	2	5/6/2017
Silver	ND	0.0040		mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>						
Mercury	SW7470A	ND	0.00020	mg/L	1	5/5/2017
<b>Mercury</b>						
Mercury	SW7470A	ND	0.00020	mg/L	1	5/5/2017

**Qualifiers:** ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

J - Analyte detected below quantitation limits

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B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-022

**Client Sample ID:** LS-GW-TW-07**Collection Date:** 5/3/2017 2:40:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Volatile Organic Compounds by GC/MS</b>						
		<b>SW8260B (SW5030B)</b>		Prep Date:		<b>Analyst: JNM</b>
Acetone	ND	0.020		mg/L	1	5/9/2017
Benzene	ND	0.0050		mg/L	1	5/9/2017
Bromodichloromethane	ND	0.0050		mg/L	1	5/9/2017
Bromoform	ND	0.0050		mg/L	1	5/9/2017
Bromomethane	ND	0.010		mg/L	1	5/9/2017
2-Butanone	ND	0.020		mg/L	1	5/9/2017
Carbon disulfide	ND	0.010		mg/L	1	5/9/2017
Carbon tetrachloride	ND	0.0050		mg/L	1	5/9/2017
Chlorobenzene	ND	0.0050		mg/L	1	5/9/2017
Chloroethane	ND	0.010		mg/L	1	5/9/2017
Chloroform	ND	0.0050		mg/L	1	5/9/2017
Chloromethane	ND	0.010		mg/L	1	5/9/2017
Dibromochloromethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
cis-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
trans-1,2-Dichloroethene	ND	0.0050		mg/L	1	5/9/2017
1,2-Dichloropropane	ND	0.0050		mg/L	1	5/9/2017
cis-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
trans-1,3-Dichloropropene	ND	0.0010		mg/L	1	5/9/2017
Ethylbenzene	ND	0.0050		mg/L	1	5/9/2017
2-Hexanone	ND	0.020		mg/L	1	5/9/2017
4-Methyl-2-pentanone	ND	0.020		mg/L	1	5/9/2017
Methylene chloride	ND	0.0050		mg/L	1	5/9/2017
Methyl tert-butyl ether	ND	0.0050		mg/L	1	5/9/2017
Styrene	ND	0.0050		mg/L	1	5/9/2017
1,1,2,2-Tetrachloroethane	ND	0.0050		mg/L	1	5/9/2017
Tetrachloroethene	ND	0.0050		mg/L	1	5/9/2017
Toluene	ND	0.0050		mg/L	1	5/9/2017
1,1,1-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
1,1,2-Trichloroethane	ND	0.0050		mg/L	1	5/9/2017
Trichloroethene	ND	0.0050		mg/L	1	5/9/2017
Vinyl chloride	ND	0.0020		mg/L	1	5/9/2017
Xylenes, Total	ND	0.015		mg/L	1	5/9/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
		<b>SW8270C-SIM (SW3510C)</b>		Prep Date:	<b>5/8/2017</b>	<b>Analyst: DM</b>
Acenaphthene	ND	0.0010		mg/L	1	5/8/2017
Acenaphthylene	ND	0.0010		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

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**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-022

**Client Sample ID:** LS-GW-TW-07**Collection Date:** 5/3/2017 2:40:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
Anthracene	ND	0.0010		mg/L	1	5/8/2017
Benz(a)anthracene	0.00070	0.00010		mg/L	1	5/8/2017
Benzo(a)pyrene	0.0010	0.00010		mg/L	1	5/8/2017
Benzo(b)fluoranthene	0.0014	0.00010		mg/L	1	5/8/2017
Benzo(g,h,i)perylene	0.0014	0.00010		mg/L	1	5/8/2017
Benzo(k)fluoranthene	0.00098	0.00010		mg/L	1	5/8/2017
Chrysene	0.00086	0.00010		mg/L	1	5/8/2017
Dibenz(a,h)anthracene	ND	0.00010		mg/L	1	5/8/2017
Fluoranthene	0.0014	0.00010		mg/L	1	5/8/2017
Fluorene	ND	0.00010		mg/L	1	5/8/2017
Indeno(1,2,3-cd)pyrene	0.0011	0.00010		mg/L	1	5/8/2017
Naphthalene	ND	0.00010		mg/L	1	5/8/2017
Phenanthrene	ND	0.00010		mg/L	1	5/8/2017
Pyrene	0.0013	0.00010		mg/L	1	5/8/2017
Carbazole	0.00021	0.00010		mg/L	1	5/8/2017
2,4-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
2,6-Dinitrotoluene	ND	0.00010		mg/L	1	5/8/2017
N-Nitrosodi-n-propylamine	ND	0.00010		mg/L	1	5/8/2017
Nitrobenzene	ND	0.00010		mg/L	1	5/8/2017
Pentachlorophenol	ND	0.00050		mg/L	1	5/8/2017
<b>Semivolatile Organic Compounds by GC/MS</b>						
Aniline	ND	0.0050		mg/L	1	5/8/2017
Benzidine	ND	0.0050		mg/L	1	5/8/2017
Benzoic acid	ND	0.025		mg/L	1	5/8/2017
Benzyl alcohol	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethoxy)methane	ND	0.0050		mg/L	1	5/8/2017
Bis(2-chloroethyl)ether	ND	0.0050		mg/L	1	5/8/2017
Bis(2-ethylhexyl)phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Bromophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Butyl benzyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4-Chloroaniline	ND	0.0050		mg/L	1	5/8/2017
4-Chloro-3-methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Chloronaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Chlorophenol	ND	0.0050		mg/L	1	5/8/2017
4-Chlorophenyl phenyl ether	ND	0.0050		mg/L	1	5/8/2017
Dibenzofuran	ND	0.0050		mg/L	1	5/8/2017
1,2-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
1,3-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017

ND - Not Detected at the Reporting Limit

RL - Reporting / Quantitation Limit for the analysis

Qualifiers: J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

HT - Sample received past holding time

E - Value above quantitation range

\* - Non-accredited parameter

H - Holding time exceeded

**STAT Analysis Corporation**

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**Date Printed:** May 11, 2017**ANALYTICAL RESULTS**

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-07
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 2:40:00 PM
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous
<b>Lab ID:</b>	17050147-022		

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>Semivolatile Organic Compounds by GC/MS</b>						
1,4-Dichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
3,3'-Dichlorobenzidine	ND	0.010		mg/L	1	5/8/2017
2,4-Dichlorophenol	ND	0.0050		mg/L	1	5/8/2017
Diethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
2,4-Dimethylphenol	ND	0.0050		mg/L	1	5/8/2017
Dimethyl phthalate	ND	0.0050		mg/L	1	5/8/2017
4,6-Dinitro-2-methylphenol	ND	0.025		mg/L	1	5/8/2017
2,4-Dinitrophenol	ND	0.025		mg/L	1	5/8/2017
Di-n-butyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Di-n-octyl phthalate	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobenzene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorobutadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachlorocyclopentadiene	ND	0.0050		mg/L	1	5/8/2017
Hexachloroethane	ND	0.0050		mg/L	1	5/8/2017
Isophorone	ND	0.0050		mg/L	1	5/8/2017
2-Methylnaphthalene	ND	0.0050		mg/L	1	5/8/2017
2-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
4-Methylphenol	ND	0.0050		mg/L	1	5/8/2017
2-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
3-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
4-Nitroaniline	ND	0.025		mg/L	1	5/8/2017
2-Nitrophenol	ND	0.0050		mg/L	1	5/8/2017
4-Nitrophenol	ND	0.025		mg/L	1	5/8/2017
N-Nitrosodimethylamine	ND	0.0050		mg/L	1	5/8/2017
N-Nitrosodiphenylamine	ND	0.0050		mg/L	1	5/8/2017
2, 2'-oxybis(1-Chloropropane)	ND	0.0050		mg/L	1	5/8/2017
Phenol	ND	0.0050		mg/L	1	5/8/2017
Pyridine	ND	0.0050		mg/L	1	5/8/2017
1,2,4-Trichlorobenzene	ND	0.0050		mg/L	1	5/8/2017
2,4,5-Trichlorophenol	ND	0.010		mg/L	1	5/8/2017
2,4,6-Trichlorophenol	ND	0.0050		mg/L	1	5/8/2017
<b>PCBs</b>						
Aroclor 1016	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1221	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1232	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1242	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1248	ND	0.00050		mg/L	1	5/9/2017
Aroclor 1254	ND	0.00050		mg/L	1	5/9/2017

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

<b>Client:</b>	Weaver Consultants Group	<b>Client Sample ID:</b>	LS-GW-TW-07			
<b>Work Order:</b>	17050147 Revision 0	<b>Collection Date:</b>	5/3/2017 2:40:00 PM			
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>Matrix:</b>	Aqueous			
<b>Lab ID:</b>	17050147-022					
<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>PCBs</b>						
Aroclor 1260		ND	0.00050	mg/L	1	5/9/2017
<b>Dissolved Metals by ICP/MS</b>						
			<b>SW6020 (SW3005A)</b>			
Arsenic	0.0042	0.0040		mg/L	2	5/5/2017
Barium	0.034	0.0040		mg/L	2	5/5/2017
Cadmium	ND	0.0020		mg/L	2	5/5/2017
Chromium	ND	0.0080		mg/L	2	5/5/2017
Lead	ND	0.0020		mg/L	2	5/5/2017
Selenium	ND	0.0040		mg/L	2	5/5/2017
Silver	ND	0.0040		mg/L	2	5/5/2017
<b>Metals by ICP/MS</b>						
			<b>SW6020 (SW3005A)</b>			
Arsenic	0.0060	0.0040		mg/L	2	5/6/2017
Barium	0.052	0.0040		mg/L	2	5/6/2017
Cadmium	ND	0.0020		mg/L	2	5/6/2017
Chromium	0.0066	0.0040		mg/L	2	5/6/2017
Lead	0.087	0.0020		mg/L	2	5/6/2017
Selenium	ND	0.0040		mg/L	2	5/6/2017
Silver	ND	0.0040		mg/L	2	5/6/2017
<b>Mercury, Dissolved</b>			<b>SW7470A</b>			
Mercury		ND	0.00020	mg/L	1	5/5/2017
<b>Mercury</b>			<b>SW7470A</b>			
Mercury		ND	0.00020	mg/L	1	5/5/2017

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Accreditations:IEPA ELAP 100445; ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

**Date Reported:** May 11, 2017**ANALYTICAL RESULTS****Date Printed:** May 11, 2017

**Client:** Weaver Consultants Group  
**Work Order:** 17050147 Revision 0  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Lab ID:** 17050147-023

**Client Sample ID:** LS-EB-01**Collection Date:** 5/3/2017 3:05:00 PM**Matrix:** Aqueous

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qualifier</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>
<b>BTEX by GC/MS</b>						
			<b>SW8260B (SW5030B)</b>		Prep Date:	
Benzene	ND	0.0050		mg/L	1	5/9/2017
Ethylbenzene	ND	0.0050		mg/L	1	5/9/2017
Toluene	ND	0.0050		mg/L	1	5/9/2017
Xylenes, Total	ND	0.015		mg/L	1	5/9/2017

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2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATInfo@STATAnalysis.com

**CHAIN OF CUSTODY RECORD**

Company: <u>WENNER Contractors Group</u>	Project Number: <u>3896-300-01-03B</u>	Client Tracking No.: _____	Quote No.: _____																																																																																																																																																																																
Project Name: <u>Lake Street</u>	Project Location: <u>Melrose Park</u>	P.O. No.: _____	Turn Around Time (Days): 1    2    3    4 <u>5</u> 10																																																																																																																																																																																
Sampler(s): <u>C. Koenig</u>	Report To: <u>Johnna, Stephanie Eiligo</u> Phone: <u>(312) 422-1038</u> <u>+ Chrysanne Sheehan</u> Fax: _____	Results Needed: /    /    /	am/pm																																																																																																																																																																																
QC Level: <u>1</u> <u>2</u> <u>3</u> <u>4</u>	e-mail: _____	Additional Information: <u>Liquid Volume</u>	Lab No.: <u>001</u>																																																																																																																																																																																
<table border="1"> <thead> <tr> <th>Client Sample Number/Description:</th> <th>Date Taken</th> <th>Time Taken</th> <th>Matrix</th> <th>Comp.</th> <th>Grab</th> <th>Preserv.</th> <th>No. of Containers</th> </tr> </thead> <tbody> <tr><td>LS-SB-GP-01 / 1-3'</td><td>5/3/17</td><td>0916</td><td>Soil</td><td>X</td><td>X</td><td>X</td><td>4</td></tr> <tr><td>LS-SB-GP-01 / 10-12'</td><td></td><td>0920</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-02 / 1-3'</td><td></td><td>0932</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-02 / 13-15'</td><td></td><td>0935</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-03 / 2-4'</td><td></td><td>0856</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-03 / 12-14'</td><td></td><td>0900</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-04 / 2-4'</td><td></td><td>0934</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-04 / 11-13'</td><td></td><td>0957</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-05 / 1-3'</td><td></td><td>1055</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-05 / 12-14'</td><td></td><td>1000</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-07 / 1-3'</td><td></td><td>1035</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-07 / 10-12'</td><td></td><td>1039</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-08 / 2-4'</td><td></td><td>1014</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-08 / 11-13'</td><td></td><td>1018</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-17 / 1-3'</td><td></td><td>1151</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-17 / 6-8'</td><td></td><td>1155</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-19 / 1-3'</td><td></td><td>1125</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>LS-SB-GP-19 / 6-8'</td><td></td><td>1129</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Relinquished by: (Signature) <u>Johnna Eiligo</u></td><td>Date/Time: <u>5/3/17 1624</u></td><td>Comments: _____</td><td>Laboratory Work Order No.: <u>17050147</u></td></tr> <tr><td>Received by: (Signature) _____</td><td>Date/Time: <u>5/3/17 1624</u></td><td></td><td>Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td></tr> <tr><td>Relinquished by: (Signature) _____</td><td>Date/Time: <u>5/3/17 1624</u></td><td></td><td>Temperature: <u>33.3 °C</u></td></tr> <tr><td>Received by: (Signature) _____</td><td>Date/Time: <u>5/3/17 1624</u></td><td></td><td></td></tr> <tr><td>Received by: (Signature) _____</td><td>Date/Time: <u>5/3/17 1624</u></td><td></td><td></td></tr> <tr><td>Preservation Code: A = None    B = HNO<sub>3</sub>    C = NaOH D = H<sub>2</sub>SO<sub>4</sub>    E = HCl    F = 5035/EnCore    G = Other</td><td></td><td></td><td></td></tr> </tbody> </table>				Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	LS-SB-GP-01 / 1-3'	5/3/17	0916	Soil	X	X	X	4	LS-SB-GP-01 / 10-12'		0920						LS-SB-GP-02 / 1-3'		0932						LS-SB-GP-02 / 13-15'		0935						LS-SB-GP-03 / 2-4'		0856						LS-SB-GP-03 / 12-14'		0900						LS-SB-GP-04 / 2-4'		0934						LS-SB-GP-04 / 11-13'		0957						LS-SB-GP-05 / 1-3'		1055						LS-SB-GP-05 / 12-14'		1000						LS-SB-GP-07 / 1-3'		1035						LS-SB-GP-07 / 10-12'		1039						LS-SB-GP-08 / 2-4'		1014						LS-SB-GP-08 / 11-13'		1018						LS-SB-GP-17 / 1-3'		1151						LS-SB-GP-17 / 6-8'		1155						LS-SB-GP-19 / 1-3'		1125						LS-SB-GP-19 / 6-8'		1129						Relinquished by: (Signature) <u>Johnna Eiligo</u>	Date/Time: <u>5/3/17 1624</u>	Comments: _____	Laboratory Work Order No.: <u>17050147</u>	Received by: (Signature) _____	Date/Time: <u>5/3/17 1624</u>		Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Relinquished by: (Signature) _____	Date/Time: <u>5/3/17 1624</u>		Temperature: <u>33.3 °C</u>	Received by: (Signature) _____	Date/Time: <u>5/3/17 1624</u>			Received by: (Signature) _____	Date/Time: <u>5/3/17 1624</u>			Preservation Code: A = None    B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl    F = 5035/EnCore    G = Other			
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e-mail address: STATinfo@STATAnalysis.com

**CHAIN OF CUSTODY RECORD**

Company: <u>WCAER</u>	Project Number: <u>3446-3001-036</u>	Client Tracking No.: <u></u>							Quote No.: <u></u>
Project Name: <u>Lake St</u>	Project Location: <u>McRose Park</u>								P.O. No.: <u></u>
Sampler(s): <u>C Power</u>	Report To: <u>Sgt Paol</u>	Phone: <u></u>							Turn Around Time (Days): <u>2</u>
QC Level: <u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	Fax: <u></u>	e-mail: <u></u>	Results Needed: <u>/ /</u>	am/pm: <u></u>	Additional Information: <u></u>	Lab No.: <u>019</u>
Client Sample Number/Description:									
<u>LS-GW-Thd-01</u>	<u>5/3/17</u>	<u>0837</u>	<u>61w</u>	<u>5</u>	<u>7</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>020</u>
<u>LS-GW-Th-02</u>		<u>1400</u>				<u>X</u>	<u>X</u>	<u>X</u>	<u>021</u>
<u>LS-GW-Th-04</u>		<u>1230</u>				<u>X</u>	<u>X</u>	<u>X</u>	
<u>LS-GW-Th-ns/m5D</u>		<u>1230</u>				<u>X</u>	<u>X</u>	<u>X</u>	
<u>LS-GW-Th-07</u>		<u>1440</u>				<u>X</u>	<u>X</u>	<u>X</u>	<u>022</u>
<u>LS-EB-01</u>		<u>1505</u>	<u>w</u>		<u>3</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>023</u>
Comments: <u>* Mgmt is extra volume of sample 15-66 thd-04</u>									
Relinquished by: (Signature) <u>M. M. Mihalik</u>	Date/Time: <u>5/3/17 1629</u>	Laboratory Work Order No.: <u>17050147</u>							
Received by: (Signature)	Date/Time: <u>5/3/17 1624</u>								
Relinquished by: (Signature)	Date/Time:								
Received by: (Signature)	Date/Time:								
Relinquished by: (Signature)	Date/Time:								
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Preservation Code: A = None    B = HNO <sub>3</sub> C = NaOH D = H <sub>2</sub> SO <sub>4</sub> E = HCl    F = 5035/EnCore    G = Other									
Temperature: <u>33 °C</u>									
Received on Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									

# STAT Analysis Corporation

## Sample Receipt Checklist

Client Name **WEAVER (CHICAGO)**

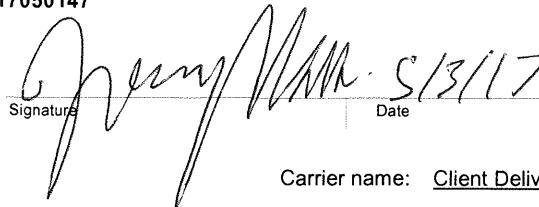
Date and Time Received: **5/3/2017 4:24:00 PM**

Work Order Number **17050147**

Received by: **JNW**

Checklist completed by:

Signature

  
Date

Reviewed by:

Initials

 Date

Matrix:

Carrier name: Client Delivered

Shipping container/coolier in good condition? Yes  No  Not Present

Custody seals intact on shipping container/coolier? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels/containers? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Container or Temp Blank temperature in compliance? Yes  No  Temperature **3.3 °C**

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - Samples pH checked? Yes  No  Checked by: J.W.

Water - Samples properly preserved? Yes  No  pH Adjusted? No

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

**STAT Analysis Corporation****CLIENT:** Weaver Consultants Group**Work Order:** 17050147**Project:** 3896-300-01-03B, Lake Street, Melrose Park**Test No:** SW5035/8260B**Matrix:** S**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK050917A-2	91.8	101	104	97.0				
VLCS050917A-2	90.8	101	105	98.9				
VLCSD050917A-2	87.9	104	102	96.8				
17050147-001A	85.7	101	115	112				
17050147-003A	82.0	101	117	114				
17050147-005A	83.7	103	113	117				
17050147-007A	88.9	102	117	113				
17050147-009A	86.4	103	117	114				
17050147-011A	91.9	103	116	117				
17050147-013A	90.1	103	119	112				
17050147-015A	85.7	103	116	118				
17050147-017A	86.7	104	119	116				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	58-122
BZMED8	= Toluene-d8	73-122
DBFM	= Dibromofluoromethane	65-131
DCA12D4	= 1,2-Dichloroethane-d4	71-143

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131971**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3646400	BFB050917A-2	TUNE	BFB	R131971	1	05/09/2017 20:20
3646402	VSTD100R	CCV	VOC_ENCORE+	R131971	1	05/09/2017 21:27
3646404	VBLK050917A-2	MBLK	VOC_ENCORE+	R131971	1	05/09/2017 22:03
3646405	VLCS050917A-2	LCS	VOC_ENCORE+	R131971	1	05/09/2017 22:40
3646406	VLCSD050917A-2	LCSD	VOC_ENCORE+	R131971	1	05/09/2017 23:16
3646407	17050136-001A	SAMP	VOC_5035	100188	1	05/10/2017 00:04
3646408	17050136-003A	SAMP	VOC_5035	100188	1	05/10/2017 00:40
3646409	17050136-004A	SAMP	VOC_5035	100188	1	05/10/2017 01:17
3646410	17050136-007A	SAMP	VOC_5035	100188	1	05/10/2017 01:53
3646411	17050147-001A	SAMP	VOC_5035	100243	1	05/10/2017 02:29
3646412	17050147-003A	SAMP	VOC_5035	100243	1	05/10/2017 03:05
3646413	17050147-005A	SAMP	VOC_5035	100243	1	05/10/2017 03:42
3646414	17050147-007A	SAMP	VOC_5035	100243	1	05/10/2017 04:18
3646415	17050147-009A	SAMP	VOC_5035	100243	1	05/10/2017 04:54
3646416	17050147-011A	SAMP	VOC_5035	100243	1	05/10/2017 05:31
3646417	17050147-013A	SAMP	VOC_5035	100243	1	05/10/2017 06:07
3646419	17050147-015A	SAMP	VOC_5035	100243	1	05/10/2017 06:43
3646420	17050147-017A	SAMP	VOC_5035	100243	1	05/10/2017 07:20

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>VBLK050917A-2</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW5035/8260B</b>		<b>5/9/2017</b>	<b>VOA-2_170509B</b>	<b>3646404</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

1,1,1-Trichloroethane	ND	0.0050
1,1,2,2-Tetrachloroethane	ND	0.0050
1,1,2-Trichloroethane	ND	0.0050
1,1-Dichloroethane	ND	0.0050
1,1-Dichloroethene	ND	0.0050
1,2-Dichloroethane	ND	0.0050
1,2-Dichloropropane	ND	0.0050
2-Butanone	ND	0.075
2-Hexanone	ND	0.020
4-Methyl-2-pentanone	ND	0.020
Acetone	ND	0.075
Benzene	ND	0.0050
Bromodichloromethane	ND	0.0050
Bromoform	ND	0.0050
Bromomethane	ND	0.010
Carbon disulfide	ND	0.050
Carbon tetrachloride	ND	0.0050
Chlorobenzene	ND	0.0050
Chloroethane	ND	0.010
Chloroform	ND	0.0050
Chloromethane	ND	0.010
cis-1,2-Dichloroethene	ND	0.0050
cis-1,3-Dichloropropene	ND	0.0020
Dibromochloromethane	ND	0.0050
Ethylbenzene	ND	0.0050

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

**GCMS Volatiles**

**BatchID: R131971**

Sample ID: <b>VBLK050917A-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-2_170509B</b>	Run ID:	SeqNo: <b>3646404</b>					
Analyte			Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

Methyl tert-butyl ether ND 0.0050  
Methylene chloride ND 0.010  
Styrene ND 0.0050  
Tetrachloroethene ND 0.0050  
Toluene ND 0.0050  
trans-1,2-Dichloroethene ND 0.0050  
trans-1,3-Dichloropropene ND 0.0020  
Trichloroethene ND 0.0050  
Vinyl chloride ND 0.0050  
Xylenes, Total ND 0.015

Sample ID: <b>VLCS050917A-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-2_170509B</b>	Run ID:	SeqNo: <b>3646405</b>					
Analyte			Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

1,1,1-Trichloroethane 0.05516 0.0050 0.05 0 110 70 130 0 0  
1,1,2,2-Tetrachloroethane 0.05389 0.0050 0.05 0 108 70 130 0 0  
1,1,2-Trichloroethane 0.05033 0.0050 0.05 0 101 70 130 0 0  
1,1-Dichloroethane 0.05596 0.0050 0.05 0 112 70 130 0 0  
1,1-Dichloroethene 0.05027 0.0050 0.05 0 101 70 130 0 0  
1,2-Dichloroethane 0.05591 0.0050 0.05 0 112 70 130 0 0  
1,2-Dichloropropane 0.05282 0.0050 0.05 0 106 70 130 0 0  
2-Butanone 0.1383 0.075 0.1 0 138 50 150 0 0  
2-Hexanone 0.125 0.020 0.1 0 125 50 150 0 0  
4-Methyl-2-pentanone 0.1272 0.020 0.1 0 127 50 150 0 0  
Acetone 0.1364 0.075 0.1 0 136 50 150 0 0  
Benzene 0.05343 0.0050 0.05 0 107 70 130 0 0  
Bromodichloromethane 0.05356 0.0050 0.05 0 107 70 130 0 0  
Bromoform 0.04815 0.0050 0.05 0 96.3 70 130 0 0  
Bromomethane 0.0403 0.010 0.05 0 80.6 50 150 0 0  
Carbon disulfide 0.1524 0.050 0.1 0 152 70 130 0 0 S  
Carbon tetrachloride 0.05491 0.0050 0.05 0 110 70 130 0 0  
Chlorobenzene 0.05106 0.0050 0.05 0 102 70 130 0 0  
Chloroethane 0.05293 0.010 0.05 0 106 70 130 0 0  
Chloroform 0.05517 0.0050 0.05 0 110 70 130 0 0  
Chloromethane 0.05563 0.010 0.05 0 111 70 130 0 0  
cis-1,2-Dichloroethene 0.05514 0.0050 0.05 0 110 70 130 0 0  
cis-1,3-Dichloropropene 0.05388 0.0020 0.05 0 108 70 130 0 0  
Dibromochloromethane 0.04988 0.0050 0.05 0 99.8 70 130 0 0  
Ethylbenzene 0.05152 0.0050 0.05 0 103 70 130 0 0  
Methyl tert-butyl ether 0.05837 0.0050 0.05 0 117 70 130 0 0  
Methylene chloride 0.04992 0.010 0.05 0 99.8 70 130 0 0  
Styrene 0.05092 0.0050 0.05 0 102 70 130 0 0  
Tetrachloroethene 0.047 0.0050 0.05 0 94 70 130 0 0  
Toluene 0.05362 0.0050 0.05 0 107 70 130 0 0  
trans-1,2-Dichloroethene 0.05388 0.0050 0.05 0 108 70 130 0 0  
trans-1,3-Dichloropropene 0.05551 0.0020 0.05 0 111 70 130 0 0  
Trichloroethene 0.05427 0.0050 0.05 0 109 70 130 0 0  
Vinyl chloride 0.06004 0.0050 0.05 0 120 70 130 0 0  
Xylenes, Total 0.1526 0.015 0.15 0 102 70 130 0 0

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range	
* - Non Accredited Parameter	H/HT - Holding Time Exceeded		

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### GCMS Volatiles

**BatchID: R131971**

Sample ID: <b>VLCSD050917A-2</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW5035/8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date:		Run ID: <b>VOA-2_170509B</b>		SeqNo: <b>3646406</b>
						SPK Ref Val	% REC	Low Limit	High Limit	
1,1,1-Trichloroethane			0.05653	0.0050	0.05	0	113	70	130	0.05516 2.45 20
1,1,2,2-Tetrachloroethane			0.05221	0.0050	0.05	0	104	70	130	0.05389 3.17 20
1,1,2-Trichloroethane			0.04911	0.0050	0.05	0	98.2	70	130	0.05033 2.45 20
1,1-Dichloroethane			0.05554	0.0050	0.05	0	111	70	130	0.05596 0.753 20
1,1-Dichloroethene			0.05035	0.0050	0.05	0	101	70	130	0.05027 0.159 20
1,2-Dichloroethane			0.05649	0.0050	0.05	0	113	70	130	0.05591 1.03 20
1,2-Dichloropropane			0.05384	0.0050	0.05	0	108	70	130	0.05282 1.91 20
2-Butanone			0.1324	0.075	0.1	0	132	50	150	0.1383 4.37 20
2-Hexanone			0.1211	0.020	0.1	0	121	50	150	0.125 3.19 20
4-Methyl-2-pentanone			0.1279	0.020	0.1	0	128	50	150	0.1272 0.518 20
Acetone			0.1313	0.075	0.1	0	131	50	150	0.1364 3.80 20
Benzene			0.05409	0.0050	0.05	0	108	70	130	0.05343 1.23 20
Bromodichloromethane			0.05377	0.0050	0.05	0	108	70	130	0.05356 0.391 20
Bromoform			0.04747	0.0050	0.05	0	94.9	70	130	0.04815 1.42 20
Bromomethane			0.04497	0.010	0.05	0	89.9	50	150	0.0403 11.0 20
Carbon disulfide			0.151	0.050	0.1	0	151	70	130	0.1524 0.870 20 S
Carbon tetrachloride			0.05611	0.0050	0.05	0	112	70	130	0.05491 2.16 20
Chlorobenzene			0.05085	0.0050	0.05	0	102	70	130	0.05106 0.412 20
Chloroethane			0.05237	0.010	0.05	0	105	70	130	0.05293 1.06 20
Chloroform			0.05384	0.0050	0.05	0	108	70	130	0.05517 2.44 20
Chloromethane			0.0544	0.010	0.05	0	109	70	130	0.05563 2.24 20
cis-1,2-Dichloroethene			0.05368	0.0050	0.05	0	107	70	130	0.05514 2.68 20
cis-1,3-Dichloropropene			0.05497	0.0020	0.05	0	110	70	130	0.05388 2.00 20
Dibromochloromethane			0.04794	0.0050	0.05	0	95.9	70	130	0.04988 3.97 20
Ethylbenzene			0.05119	0.0050	0.05	0	102	70	130	0.05152 0.643 20
Methyl tert-butyl ether			0.05755	0.0050	0.05	0	115	70	130	0.05837 1.41 20
Methylene chloride			0.0484	0.010	0.05	0	96.8	70	130	0.04992 3.09 20
Styrene			0.05079	0.0050	0.05	0	102	70	130	0.05092 0.256 20
Tetrachloroethene			0.04744	0.0050	0.05	0	94.9	70	130	0.047 0.932 20
Toluene			0.05539	0.0050	0.05	0	111	70	130	0.05362 3.25 20
trans-1,2-Dichloroethene			0.0533	0.0050	0.05	0	107	70	130	0.05388 1.08 20
trans-1,3-Dichloropropene			0.05333	0.0020	0.05	0	107	70	130	0.05551 4.01 20
Trichloroethene			0.05557	0.0050	0.05	0	111	70	130	0.05427 2.37 20
Vinyl chloride			0.05906	0.0050	0.05	0	118	70	130	0.06004 1.65 20
Xylenes, Total			0.1534	0.015	0.15	0	102	70	130	0.1526 0.542 20

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 \* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
 E - Value above quantitation range

**STAT Analysis Corporation**

CLIENT: Weaver Consultants Group

Work Order: 17050147

Project: 3896-300-01-03B, Lake Street, Melrose Park

Test No: SW8260B

Matrix: W

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK050917-4	97.9	101	99.9	103				
VLCS050917-4	98.2	104	98.2	99.7				
VLCSD050917-4	98.1	101	98.0	98.3				
17050147-023A	97.6	97.2	101	101				
17050147-021A	96.0	99.9	98.1	103				
17050147-021AMS	96.8	98.9	102	99.8				
17050147-021AMSD	97.3	102	101	102				
17050147-019A	97.8	99.6	101	106				
17050147-020A	95.0	98.0	96.4	99.5				
17050147-022A	96.5	99.3	97.5	102				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	79-114
BZMED8	= Toluene-d8	91-109
DBFM	= Dibromofluoromethane	85-123
DCA12D4	= 1,2-Dichloroethane-d4	86-119

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131953**

**ANALYTICAL RUN SUMMARY**

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3645729	BFB050917-4	TUNE	BFB_624	R131953	1	05/09/2017 09:04
3645730	VSTD050	CCV	VOC_W+	R131953	1	05/09/2017 10:05
3645731	VBLK050917-4	MBLK	VOC_W+	R131953	1	05/09/2017 10:42
3645732	VLCS050917-4	LCS	VOC_W+	R131953	1	05/09/2017 11:19
3645733	VLCSD050917-4	LCSD	VOC_W+	R131953	1	05/09/2017 11:56
3645734	17050094-024A	SAMP	VOC_W	R131953	1	05/09/2017 13:03
3645735	17050145-001A	SAMP	BTEX_W-MS	R131953	1	05/09/2017 13:40
3645736	17050147-023A	SAMP	BTEX_W-MS	R131953	1	05/09/2017 14:17
3646389	17050147-021A	SAMP	VOC_W	R131953	1	05/09/2017 14:55
3646390	17050147-021A	SAMP	VOC_W+	R131953	1	05/09/2017 14:55
3646391	17050147-021AMS	MS	VOC_W+	R131953	1	05/09/2017 15:31
3646392	17050147-021AMSD	MSD	VOC_W+	R131953	1	05/09/2017 16:07
3646393	17050147-019A	SAMP	VOC_W	R131953	1	05/09/2017 16:43
3646394	17050147-020A	SAMP	VOC_W	R131953	1	05/09/2017 17:18
3646395	17050147-022A	SAMP	VOC_W	R131953	1	05/09/2017 17:54
3646396	17050094-024A	SAMP	VOC_W	R131953	10	05/09/2017 18:29

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>VBLK050917-4</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8260B</b>		<b>5/9/2017</b>	<b>VOA-4_170509A</b>	<b>3645731</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual

1,1,1-Trichloroethane	ND	0.0050	J
1,1,2,2-Tetrachloroethane	ND	0.0050	
1,1,2-Trichloroethane	ND	0.0050	
1,1-Dichloroethane	ND	0.0050	
1,1-Dichloroethene	ND	0.0050	
1,2-Dichloroethane	ND	0.0050	
1,2-Dichloropropane	ND	0.0050	
2-Butanone	ND	0.020	
2-Hexanone	ND	0.020	
4-Methyl-2-pentanone	ND	0.020	
Acetone	0.00617	0.020	
Benzene	ND	0.0050	
Bromodichloromethane	ND	0.0050	
Bromoform	ND	0.0050	
Bromomethane	ND	0.010	
Carbon disulfide	ND	0.010	
Carbon tetrachloride	ND	0.0050	
Chlorobenzene	ND	0.0050	
Chloroethane	ND	0.010	
Chloroform	ND	0.0050	
Chloromethane	ND	0.010	
cis-1,2-Dichloroethene	ND	0.0050	
cis-1,3-Dichloropropene	ND	0.0010	
Dibromochloromethane	ND	0.0050	
Ethylbenzene	ND	0.0050	
Methyl tert-butyl ether	ND	0.0050	
Methylene chloride	ND	0.0050	
Styrene	ND	0.0050	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Volatiles**  
**BatchID: R131953**

Sample ID: <b>VBLK050917-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3645731</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Tetrachloroethene		ND	0.0050									
Toluene		ND	0.0050									
trans-1,2-Dichloroethene		ND	0.0050									
trans-1,3-Dichloropropene		ND	0.0010									
Trichloroethene		ND	0.0050									
Vinyl chloride		ND	0.0020									
Xylenes, Total		ND	0.015									

Sample ID: <b>VLCS050917-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3645732</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.02051	0.0050	0.02	0	103	70	130	0	0		
1,1,2,2-Tetrachloroethane		0.02092	0.0050	0.02	0	105	70	130	0	0		
1,1,2-Trichloroethane		0.02064	0.0050	0.02	0	103	70	130	0	0		
1,1-Dichloroethane		0.02084	0.0050	0.02	0	104	70	130	0	0		
1,1-Dichloroethene		0.01906	0.0050	0.02	0	95.3	70	130	0	0		
1,2-Dichloroethane		0.02174	0.0050	0.02	0	109	70	130	0	0		
1,2-Dichloropropane		0.02259	0.0050	0.02	0	113	70	130	0	0		
2-Butanone		0.04362	0.020	0.04	0	109	50	150	0	0		
2-Hexanone		0.0436	0.020	0.04	0	109	50	150	0	0		
4-Methyl-2-pentanone		0.04505	0.020	0.04	0	113	50	150	0	0		
Acetone		0.0628	0.020	0.04	0.00617	142	50	150	0	0		
Benzene		0.02106	0.0050	0.02	0	105	70	130	0	0		
Bromodichloromethane		0.02065	0.0050	0.02	0	103	70	130	0	0		
Bromoform		0.01979	0.0050	0.02	0	99	70	130	0	0		
Bromomethane		0.02395	0.010	0.02	0	120	50	150	0	0		
Carbon disulfide		0.05782	0.010	0.04	0	145	70	130	0	0	S	
Carbon tetrachloride		0.02047	0.0050	0.02	0	102	70	130	0	0		
Chlorobenzene		0.02019	0.0050	0.02	0	101	70	130	0	0		
Chloroethane		0.02508	0.010	0.02	0	125	70	130	0	0		
Chloroform		0.01955	0.0050	0.02	0	97.8	70	130	0	0		
Chloromethane		0.02442	0.010	0.02	0	122	70	130	0	0		
cis-1,2-Dichloroethene		0.02022	0.0050	0.02	0	101	70	130	0	0		
cis-1,3-Dichloropropene		0.01925	0.0010	0.02	0	96.2	70	130	0	0		
Dibromochloromethane		0.01808	0.0050	0.02	0	90.4	70	130	0	0		
Ethylbenzene		0.02036	0.0050	0.02	0	102	70	130	0	0		
Methyl tert-butyl ether		0.02382	0.0050	0.02	0	119	70	130	0	0		
Methylene chloride		0.02025	0.0050	0.02	0	103	70	130	0	0		
Styrene		0.02003	0.0050	0.02	0	100	70	130	0	0		
Tetrachloroethene		0.01885	0.0050	0.02	0	94.2	70	130	0	0		
Toluene		0.0206	0.0050	0.02	0	103	70	130	0	0		
trans-1,2-Dichloroethene		0.01906	0.0050	0.02	0	95.3	70	130	0	0		
trans-1,3-Dichloropropene		0.01968	0.0010	0.02	0	98.4	70	130	0	0		
Trichloroethene		0.0194	0.0050	0.02	0	97	70	130	0	0		
Vinyl chloride		0.0226	0.0020	0.02	0	113	70	130	0	0		
Xylenes, Total		0.06189	0.015	0.06	0	103	70	130	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

<b>CLIENT:</b>	Weaver Consultants Group	<b>ANALYTICAL QC SUMMARY REPORT</b>							
<b>Work Order:</b>	17050147	<b>GCMS Volatiles</b>							
<b>Project:</b>	3896-300-01-03B, Lake Street, Melrose Park	<b>BatchID: R131953</b>							

Sample ID: <b>VLCSD050917-4</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3645733</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0196	0.0050	0.02	0	98	70	130	0.02051	4.54	20	
1,1,2,2-Tetrachloroethane		0.02071	0.0050	0.02	0	104	70	130	0.02092	1.01	20	
1,1,2-Trichloroethane		0.02019	0.0050	0.02	0	101	70	130	0.02064	2.20	20	
1,1-Dichloroethane		0.01984	0.0050	0.02	0	99.2	70	130	0.02084	4.92	20	
1,1-Dichloroethene		0.01865	0.0050	0.02	0	93.2	70	130	0.01906	2.17	20	
1,2-Dichloroethane		0.02201	0.0050	0.02	0	110	70	130	0.02174	1.23	20	
1,2-Dichloropropane		0.02093	0.0050	0.02	0	105	70	130	0.02259	7.63	20	
2-Butanone		0.04414	0.020	0.04	0	110	50	150	0.04362	1.19	20	
2-Hexanone		0.04273	0.020	0.04	0	107	50	150	0.0436	2.02	20	
4-Methyl-2-pentanone		0.0447	0.020	0.04	0	112	50	150	0.04505	0.780	20	
Acetone		0.06697	0.020	0.04	0.00617	152	50	150	0.0628	6.43	20	S
Benzene		0.02069	0.0050	0.02	0	103	70	130	0.02106	1.77	20	
Bromodichloromethane		0.02025	0.0050	0.02	0	101	70	130	0.02065	1.96	20	
Bromoform		0.01925	0.0050	0.02	0	96.2	70	130	0.01979	2.77	20	
Bromomethane		0.0237	0.010	0.02	0	119	50	150	0.02395	1.05	20	
Carbon disulfide		0.05562	0.010	0.04	0	139	70	130	0.05782	3.88	20	S
Carbon tetrachloride		0.01959	0.0050	0.02	0	98	70	130	0.02047	4.39	20	
Chlorobenzene		0.01947	0.0050	0.02	0	97.4	70	130	0.02019	3.63	20	
Chloroethane		0.02421	0.010	0.02	0	121	70	130	0.02508	3.53	20	
Chloroform		0.01912	0.0050	0.02	0	95.6	70	130	0.01955	2.22	20	
Chloromethane		0.02294	0.010	0.02	0	115	70	130	0.02442	6.25	20	
cis-1,2-Dichloroethene		0.0189	0.0050	0.02	0	94.5	70	130	0.02022	6.75	20	
cis-1,3-Dichloropropene		0.01911	0.0010	0.02	0	95.6	70	130	0.01925	0.730	20	
Dibromochloromethane		0.01867	0.0050	0.02	0	93.4	70	130	0.01808	3.21	20	
Ethylbenzene		0.0202	0.0050	0.02	0	101	70	130	0.02036	0.789	20	
Methyl tert-butyl ether		0.02401	0.0050	0.02	0	120	70	130	0.02382	0.794	20	
Methylene chloride		0.02043	0.0050	0.02	0	102	70	130	0.0205	0.342	20	
Styrene		0.01997	0.0050	0.02	0	99.8	70	130	0.02003	0.300	20	
Tetrachloroethene		0.01884	0.0050	0.02	0	94.2	70	130	0.01885	0.0531	20	
Toluene		0.0206	0.0050	0.02	0	103	70	130	0.0206	0	20	
trans-1,2-Dichloroethene		0.0186	0.0050	0.02	0	93	70	130	0.01906	2.44	20	
trans-1,3-Dichloropropene		0.01938	0.0010	0.02	0	96.9	70	130	0.01968	1.54	20	
Trichloroethene		0.01907	0.0050	0.02	0	95.4	70	130	0.0194	1.72	20	
Vinyl chloride		0.02048	0.0020	0.02	0	102	70	130	0.0226	9.84	20	
Xylenes, Total		0.06099	0.015	0.06	0	102	70	130	0.06189	1.46	20	

Sample ID: <b>17050147-021AMS</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3646391</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane		0.0197	0.0050	0.02	0	98.5	70	130	0	0		
1,1,2,2-Tetrachloroethane		0.02147	0.0050	0.02	0	107	70	130	0	0		
1,1,2-Trichloroethane		0.02023	0.0050	0.02	0	101	70	130	0	0		
1,1-Dichloroethane		0.02109	0.0050	0.02	0	105	70	130	0	0		
1,1-Dichloroethene		0.01985	0.0050	0.02	0	99.2	70	130	0	0		
1,2-Dichloroethane		0.02123	0.0050	0.02	0	106	70	130	0	0		
1,2-Dichloropropane		0.02067	0.0050	0.02	0	103	70	130	0	0		
2-Butanone		0.04745	0.020	0.04	0	119	50	150	0	0		
2-Hexanone		0.0447	0.020	0.04	0	112	50	150	0	0		
4-Methyl-2-pentanone		0.04454	0.020	0.04	0	111	50	150	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits      E - Value above quantitation range  
\* - Non Accredited Parameter      H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

# ANALYTICAL QC SUMMARY REPORT

## GCMS Volatiles

**BatchID: R131953**

Sample ID: <b>17050147-021AMS</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3646391</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acetone	0.05548	0.020	0.04	0.00943	115	50	150	0	0		
Benzene	0.02063	0.0050	0.02	0	103	70	130	0	0		
Bromodichloromethane	0.01824	0.0050	0.02	0	91.2	70	130	0	0		
Bromoform	0.01473	0.0050	0.02	0	73.6	70	130	0	0		
Bromomethane	0.02226	0.010	0.02	0	113	50	150	0	0		
Carbon disulfide	0.05622	0.010	0.04	0	141	70	130	0	0		S
Carbon tetrachloride	0.01946	0.0050	0.02	0	97.3	70	130	0	0		
Chlorobenzene	0.01971	0.0050	0.02	0	98.6	70	130	0	0		
Chloroethane	0.02448	0.010	0.02	0	122	70	130	0	0		
Chloroform	0.01972	0.0050	0.02	0	98.6	70	130	0	0		
Chloromethane	0.02286	0.010	0.02	0	114	70	130	0	0		
cis-1,2-Dichloroethene	0.02033	0.0050	0.02	0	102	70	130	0	0		
cis-1,3-Dichloropropene	0.01386	0.0010	0.02	0	69.3	70	130	0	0		S
Dibromochloromethane	0.01565	0.0050	0.02	0	78.2	70	130	0	0		
Ethylbenzene	0.01972	0.0050	0.02	0	98.6	70	130	0	0		
Methyl tert-butyl ether	0.02595	0.0050	0.02	0.00176	121	70	130	0	0		
Methylene chloride	0.0207	0.0050	0.02	0	104	70	130	0	0		
Styrene	0.01938	0.0050	0.02	0	96.9	70	130	0	0		
Tetrachloroethene	0.01885	0.0050	0.02	0	94.2	70	130	0	0		
Toluene	0.02023	0.0050	0.02	0	101	70	130	0	0		
trans-1,2-Dichloroethene	0.01903	0.0050	0.02	0	95.2	70	130	0	0		
trans-1,3-Dichloropropene	0.01452	0.0010	0.02	0	72.6	70	130	0	0		
Trichloroethene	0.01919	0.0050	0.02	0	96	70	130	0	0		
Vinyl chloride	0.02338	0.0020	0.02	0	117	70	130	0	0		
Xylenes, Total	0.06074	0.015	0.06	0	101	70	130	0	0		

Sample ID: <b>17050147-021AMSD</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW8260B</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>VOA-4_170509A</b>	Run ID:	SeqNo: <b>3646392</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
1,1,1-Trichloroethane	0.01992	0.0050	0.02	0	99.6	70	130	0.0197	1.11	20	
1,1,2,2-Tetrachloroethane	0.02127	0.0050	0.02	0	106	70	130	0.02147	0.936	20	
1,1,2-Trichloroethane	0.01984	0.0050	0.02	0	99.2	70	130	0.02023	1.95	20	
1,1-Dichloroethane	0.02014	0.0050	0.02	0	101	70	130	0.02109	4.61	20	
1,1-Dichloroethene	0.01926	0.0050	0.02	0	96.3	70	130	0.01985	3.02	20	
1,2-Dichloroethane	0.02151	0.0050	0.02	0	108	70	130	0.02123	1.31	20	
1,2-Dichloropropane	0.02097	0.0050	0.02	0	105	70	130	0.02067	1.44	20	
2-Butanone	0.04189	0.020	0.04	0	105	50	150	0.04745	12.4	20	
2-Hexanone	0.04312	0.020	0.04	0	108	50	150	0.04447	3.60	20	
4-Methyl-2-pentanone	0.04545	0.020	0.04	0	114	50	150	0.04454	2.02	20	
Acetone	0.05792	0.020	0.04	0.00943	121	50	150	0.05548	4.30	20	
Benzene	0.02095	0.0050	0.02	0	105	70	130	0.02063	1.54	20	
Bromodichloromethane	0.01857	0.0050	0.02	0	92.8	70	130	0.01824	1.79	20	
Bromoform	0.01333	0.0050	0.02	0	66.7	70	130	0.01473	9.98	20	S
Bromomethane	0.02343	0.010	0.02	0	117	50	150	0.0226	3.61	20	
Carbon disulfide	0.05395	0.010	0.04	0	135	70	130	0.05622	4.12	20	S
Carbon tetrachloride	0.01933	0.0050	0.02	0	96.6	70	130	0.01946	0.670	20	
Chlorobenzene	0.01932	0.0050	0.02	0	96.6	70	130	0.01971	2.00	20	
Chloroethane	0.02499	0.010	0.02	0	125	70	130	0.02448	2.06	20	
Chloroform	0.01879	0.0050	0.02	0	94	70	130	0.01972	4.83	20	

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range	
* - Non Accredited Parameter	H/HT - Holding Time Exceeded		

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GCMS Volatiles

BatchID: R131953

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
		MSD	mg/L	SW8260B	5/9/2017		VOA-4_170509A	3646392				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chloromethane		0.02258	0.010	0.02	0	113	70	130	0.02286	1.23	20	
cis-1,2-Dichloroethene		0.01923	0.0050	0.02	0	96.2	70	130	0.02033	5.56	20	
cis-1,3-Dichloropropene		0.01457	0.0010	0.02	0	72.8	70	130	0.01386	4.99	20	
Dibromochloromethane		0.01515	0.0050	0.02	0	75.8	70	130	0.01565	3.25	20	
Ethylbenzene		0.01931	0.0050	0.02	0	96.6	70	130	0.01972	2.10	20	
Methyl tert-butyl ether		0.02557	0.0050	0.02	0.00176	119	70	130	0.02595	1.48	20	
Methylene chloride		0.01972	0.0050	0.02	0	98.6	70	130	0.0207	4.85	20	
Styrene		0.01862	0.0050	0.02	0	93.1	70	130	0.01938	4.00	20	
Tetrachloroethene		0.01831	0.0050	0.02	0	91.6	70	130	0.01885	2.91	20	
Toluene		0.02015	0.0050	0.02	0	101	70	130	0.02023	0.396	20	
trans-1,2-Dichloroethene		0.01845	0.0050	0.02	0	92.2	70	130	0.01903	3.09	20	
trans-1,3-Dichloropropene		0.01489	0.0010	0.02	0	74.4	70	130	0.01452	2.52	20	
Trichloroethene		0.01909	0.0050	0.02	0	95.5	70	130	0.01919	0.522	20	
Vinyl chloride		0.02283	0.0020	0.02	0	114	70	130	0.02338	2.38	20	
Xylenes, Total		0.05902	0.015	0.06	0	98.4	70	130	0.06074	2.87	20	

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

# STAT Analysis Corporation

**CLIENT:** Weaver Consultants Group

**Work Order:** 17050147

**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**Test No:** SW8270C

**Matrix:** S

## QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-100325-SVOC	95.6	92.5	104	119	90.4	97.2	102	99.8
LCS-100325-SVOC	73.1	70.6	82.2	88.7	69.2	76.3	78.7	81.9
17050147-005B	71.7	67.6	76.7	83.0	64.0	74.8	73.6	75.5
17050147-007B	62.2	70.5	81.7	13.1 *	48.2	76.1	79.1	86.1
17050147-009B	74.9	76.6	87.5	81.1	69.1	86.5	81.0	89.6
17050147-011B	68.6	65.4	73.2	94.4	62.6	72.9	69.9	80.3
17050147-013B	72.0	67.5	78.0	88.4	66.2	75.4	71.9	82.0
17050147-015B	66.7	65.1	74.2	88.7	59.0	73.3	72.1	71.5
17050147-017B	70.1	67.8	75.7	93.3	59.8	72.6	76.7	74.9
17050161-001BMS	66.2	59.1	71.3	87.6	61.0	72.0	65.2	72.6
17050161-001BMSD	80.8	67.8	87.9	91.5	72.1	85.5	75.6	84.7
17050147-019B	90.4	77.3	83.8	130 *	67.8	49.9	87.0	102
17050147-020B	87.8	74.7	82.6	132 *	67.4	48.4	83.5	95.6
17050147-021B	85.1	71.9	82.8	135 *	63.2	47.8	80.7	107
17050147-022B	87.7	72.5	81.0	129 *	65.7	48.5	83.3	85.4
MB-100314-SVOC	89.0	90.2	95.4	106	83.8	94.0	89.3	96.1
LCS-100314-SVOC	79.8	80.0	90.1	109	76.2	88.3	90.7	97.4
17050136-001BMS	70.8	70.9	77.8	76.9	65.8	72.6	75.3	76.9
17050136-001BMSD	58.5	61.5	65.2	65.0	55.6	60.3	62.5	62.8
17050147-001B	76.1	74.5	81.9	91.4	70.8	80.1	79.5	85.0
17050147-003B	70.9	71.4	79.3	78.8	65.7	78.0	75.0	86.4

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	33-110
DCBZ12D4	= 1,2-Dichlorobenzene-d4	16-110
NO2BZD5	= Nitrobenzene-d5	35-114
PH246BR	= 2,4,6-Tribromophenol	10-123
PH2F	= 2-Fluorophenol	21-110
PHD5	= Phenol-d5	10-110
PHEN2F	= 2-Fluorobiphenyl	43-116
PHEND14	= 4-Terphenyl-d14	33-141

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100314**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100314-SVOC			0.03	0	0	1	33.333	5/8/2017	5/8/2017
LCS-100314-SVOC			0.03	0	0	1	33.333	5/8/2017	5/8/2017
17041001-009B	Soil		0.03041	0	0	1	32.884	5/8/2017	5/8/2017
17050130-023B	Soil		0.03038	0	0	1	32.916	5/8/2017	5/8/2017
17050130-024B	Soil		0.03027	0	0	1	33.036	5/8/2017	5/8/2017
17050136-001B	Soil		0.03028	0	0	1	33.025	5/8/2017	5/8/2017
17050136-003B	Soil		0.03009	0	0	1	33.234	5/8/2017	5/8/2017
17050136-004B	Soil		0.03024	0	0	1	33.069	5/8/2017	5/8/2017
17050136-007B	Soil		0.03045	0	0	1	32.841	5/8/2017	5/8/2017
17050145-002B	Soil		0.03032	0	0	1	32.982	5/8/2017	5/8/2017
17050147-001B	Soil		0.0301	0	0	1	33.223	5/8/2017	5/8/2017
17050147-003B	Soil		0.03034	0	0	1	32.960	5/8/2017	5/8/2017
17050147-005B	Soil		0.03046	0	0	1	32.830	5/8/2017	5/8/2017
17050147-007B	Soil		0.03016	0	0	1	33.156	5/8/2017	5/8/2017
17050147-009B	Soil		0.03016	0	0	1	33.156	5/8/2017	5/8/2017
17050147-011B	Soil		0.03035	0	0	1	32.949	5/8/2017	5/8/2017
17050147-013B	Soil		0.03006	0	0	1	33.267	5/8/2017	5/8/2017
17050147-015B	Soil		0.03027	0	0	1	33.036	5/8/2017	5/8/2017
17050147-017B	Soil		0.03047	0	0	1	32.819	5/8/2017	5/8/2017
17050153-001B	Soil		0.03001	0	0	1	33.322	5/8/2017	5/8/2017
17050155-001A	Soil		0.03028	0	0	1	33.025	5/8/2017	5/8/2017
17050136-001BMS	Soil		0.03028	0	0	1	33.025	5/8/2017	5/8/2017
17050136-001BMSD	Soil		0.03028	0	0	1	33.025	5/8/2017	5/8/2017
17050160-001B	Soil		0.0303	0	0	1	33.003	5/8/2017	5/8/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
MB-100314-SVOC	ZZZZZ	MBLK	mg/Kg	SW8270C	5/8/2017	5/9/2017	SVOC-9_170509A	3645627
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Acenaphthene		ND		0.033				
Acenaphthylene		ND		0.033				
Aniline		ND		0.33				
Anthracene		ND		0.033				
Benz(a)anthracene		ND		0.033				
Benzidine		ND		0.33				
Benzo(a)pyrene		ND		0.033				
Benzo(b)fluoranthene		ND		0.033				
Benzo(g,h,i)perylene		ND		0.033				
Benzo(k)fluoranthene		ND		0.033				
Benzoic acid		ND		0.83				
Benzyl alcohol		ND		0.17				
Bis(2-chloroethoxy)methane		ND		0.17				
Bis(2-chloroethyl)ether		ND		0.17				
Bis(2-ethylhexyl)phthalate		ND		0.83				
4-Bromophenyl phenyl ether		ND		0.17				
Butyl benzyl phthalate		ND		0.17				
Carbazole		ND		0.17				
4-Chloroaniline		ND		0.17				

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100314**

Sample ID: <b>MB-100314-SVOC</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW8270C</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>SVOC-9_170509A</b>	SeqNo: <b>3645627</b>					
Analyte			Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
4-Chloro-3-methylphenol			ND		0.33								
2-Chloronaphthalene			ND		0.17								
2-Chlorophenol			ND		0.17								
4-Chlorophenyl phenyl ether			ND		0.17								
Chrysene			ND		0.033								
Dibenz(a,h)anthracene			ND		0.033								
Dibenzofuran			ND		0.17								
1,2-Dichlorobenzene			ND		0.17								
1,3-Dichlorobenzene			ND		0.17								
1,4-Dichlorobenzene			ND		0.17								
3,3'-Dichlorobenzidine			ND		0.17								
2,4-Dichlorophenol			ND		0.17								
Diethyl phthalate			ND		0.17								
2,4-Dimethylphenol			ND		0.17								
Dimethyl phthalate			ND		0.17								
4,6-Dinitro-2-methylphenol			ND		0.33								
2,4-Dinitrophenol			ND		0.83								
2,4-Dinitrotoluene			ND		0.033								
2,6-Dinitrotoluene			ND		0.033								
Di-n-butyl phthalate			ND		0.17								
Di-n-octyl phthalate			ND		0.17								
Fluoranthene			ND		0.033								
Fluorene			ND		0.033								
Hexachlorobenzene			ND		0.17								
Hexachlorobutadiene			ND		0.17								
Hexachlorocyclopentadiene			ND		0.17								
Hexachloroethane			ND		0.17								
Indeno(1,2,3-cd)pyrene			ND		0.033								
Isophorone			ND		0.17								
2-Methylnaphthalene			ND		0.17								
2-Methylphenol			ND		0.17								
4-Methylphenol			ND		0.17								
Naphthalene			ND		0.033								
2-Nitroaniline			ND		0.17								
3-Nitroaniline			ND		0.17								
4-Nitroaniline			ND		0.17								
2-Nitrophenol			ND		0.17								
4-Nitrophenol			ND		0.33								
Nitrobenzene			ND		0.033								
N-Nitrosodi-n-propylamine			ND		0.033								
N-Nitrosodimethylamine			ND		0.17								
N-Nitrosodiphenylamine			ND		0.17								
2, 2'-oxybis(1-Chloropropane)			ND		0.17								
Pentachlorophenol			ND		0.067								
Phenanthrene			ND		0.033								
Phenol			ND		0.17								
Pyrene			ND		0.033								
Pyridine			ND		0.67								
1,2,4-Trichlorobenzene			ND		0.17								

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100314**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100314-SVOC</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8270C</b>	<b>5/8/2017</b>	<b>5/9/2017</b>	<b>SVOC-9_170509A</b>	<b>3645627</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
2,4,5-Trichlorophenol		Result		PQL	SPK value							
			ND		0.17							
2,4,6-Trichlorophenol		Result		PQL	SPK value							
			ND		0.17							
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100314-SVOC</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8270C</b>	<b>5/8/2017</b>	<b>5/9/2017</b>	<b>SVOC-9_170509A</b>	<b>3645726</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene		Result		PQL	SPK value							
			1.321		0.033	1.667	0	79.2	37	134	0	0
4-Chloro-3-methylphenol		Result		PQL	SPK value							
			2.73		0.33	3.333	0	81.9	29	134	0	0
2-Chlorophenol		Result		PQL	SPK value							
			2.327		0.17	3.333	0	69.8	29	105	0	0
1,4-Dichlorobenzene		Result		PQL	SPK value							
			1.112		0.17	1.667	0	66.7	26	111	0	0
2,4-Dinitrotoluene		Result		PQL	SPK value							
			1.381		0.033	1.667	0	82.8	46	125	0	0
4-Nitrophenol		Result		PQL	SPK value							
			2.79		0.33	3.333	0	83.7	12	146	0	0
N-Nitrosodi-n-propylamine		Result		PQL	SPK value							
			1.193		0.033	1.667	0	71.6	29	109	0	0
Pentachlorophenol		Result		PQL	SPK value							
			2.973		0.067	3.333	0	89.2	10	192	0	0
Phenol		Result		PQL	SPK value							
			2.442		0.17	3.333	0	73.3	27	104	0	0
Pyrene		Result		PQL	SPK value							
			1.351		0.033	1.667	0	81	42	148	0	0
1,2,4-Trichlorobenzene		Result		PQL	SPK value							
			1.2		0.17	1.667	0	72	55	106	0	0
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050136-001BMS</b>	<b>ZZZZZ</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW8270C</b>	<b>5/8/2017</b>	<b>5/9/2017</b>	<b>SVOC-9_170509A</b>	<b>3646685</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene		Result		PQL	SPK value							
			1.363		0.037	1.875	0.1121	66.7	24	139	0	0
4-Chloro-3-methylphenol		Result		PQL	SPK value							
			2.491		0.37	3.748	0	66.5	28	121	0	0
2-Chlorophenol		Result		PQL	SPK value							
			2.481		0.19	3.748	0	66.2	21	102	0	0
1,4-Dichlorobenzene		Result		PQL	SPK value							
			1.186		0.19	1.875	0	63.3	27	95	0	0
2,4-Dinitrotoluene		Result		PQL	SPK value							
			1.216		0.037	1.875	0	64.9	32	127	0	0
4-Nitrophenol		Result		PQL	SPK value							
			2.136		0.37	3.748	0	57	10	156	0	0
N-Nitrosodi-n-propylamine		Result		PQL	SPK value							
			1.217		0.037	1.875	0	64.9	16	122	0	0
Pentachlorophenol		Result		PQL	SPK value							
			1.881		0.075	3.748	0	50.2	10	204	0	0
Phenol		Result		PQL	SPK value							
			2.455		0.19	3.748	0	65.5	20	103	0	0
Pyrene		Result		PQL	SPK value							
			2.124		0.037	1.875	1.543	31	10	184	0	0
1,2,4-Trichlorobenzene		Result		PQL	SPK value							
			1.299		0.19	1.875	0	69.3	55	106	0	0
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050136-001BMSD</b>	<b>ZZZZZ</b>	<b>MSD</b>	<b>mg/Kg-dry</b>	<b>SW8270C</b>	<b>5/8/2017</b>	<b>5/9/2017</b>	<b>SVOC-9_170509A</b>	<b>3646686</b>				
Analyte					SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene		Result		PQL	SPK value							
			1.139		0.037	1.875	0.1121	54.8	24	139	1.363	17.9
4-Chloro-3-methylphenol		Result		PQL	SPK value							
			2.06		0.37	3.748	0	55	28	121	2.491	19.0
2-Chlorophenol		Result		PQL	SPK value							
			2.073		0.19	3.748	0	55.3	21	102	2.481	17.9
1,4-Dichlorobenzene		Result		PQL	SPK value							
			1.019		0.19	1.875	0	54.3	27	95	1.186	15.2
2,4-Dinitrotoluene		Result		PQL	SPK value							
			0.9034		0.037	1.875	0	48.2	32	127	1.216	29.5
4-Nitrophenol		Result		PQL	SPK value							
			1.794		0.37	3.748	0	47.9	10	156	2.136	17.4
N-Nitrosodi-n-propylamine		Result		PQL	SPK value							
			1.018		0.037	1.875	0	54.3	16	122	1.217	17.8
Pentachlorophenol		Result		PQL	SPK value							
			1.531		0.075	3.748	0	40.9	10	204	1.881	20.5
Phenol		Result		PQL	SPK value							
			2.045		0.19	3.748	0	54.6	20	103	2.455	18.2
Pyrene		Result		PQL	SPK value							
			1.543		0.037	1.875	1.543	-0.04	10	184	2.124	31.7
1,2,4-Trichlorobenzene		Result		PQL	SPK value							
			1.097		0.19	1.875	0	58.5	55	106	1.299	16.8

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100325**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100325-SVOC			0.03	0	0	1	33.333	5/8/2017	5/8/2017
LCS-100325-SVOC			0.03	0	0	1	33.333	5/8/2017	5/8/2017
17050232-001B	Soil		0.03032	0	0	1	32.982	5/8/2017	5/8/2017
17050232-002B	Soil		0.03016	0	0	1	33.156	5/8/2017	5/8/2017
17050160-002B	Soil		0.03018	0	0	1	33.135	5/9/2017	5/9/2017
17050160-003B	Soil		0.03013	0	0	1	33.190	5/9/2017	5/9/2017
17050160-004B	Soil		0.03009	0	0	1	33.234	5/9/2017	5/9/2017
17050160-005B	Soil		0.03021	0	0	1	33.102	5/9/2017	5/9/2017
17050160-006B	Soil		0.03003	0	0	1	33.300	5/9/2017	5/9/2017
17050160-007B	Soil		0.03007	0	0	1	33.256	5/9/2017	5/9/2017
17050160-008B	Soil		0.03034	0	0	1	32.960	5/9/2017	5/9/2017
17050161-001B	Soil		0.0302	0	0	1	33.113	5/9/2017	5/9/2017
17050166-001B	Soil		0.03023	0	0	1	33.080	5/9/2017	5/9/2017
17050166-002B	Soil		0.03017	0	0	1	33.146	5/9/2017	5/9/2017
17050166-003B	Soil		0.03041	0	0	1	32.884	5/9/2017	5/9/2017
17050166-004B	Soil		0.03049	0	0	1	32.798	5/9/2017	5/9/2017
17050166-005B	Soil		0.03002	0	0	1	33.311	5/9/2017	5/9/2017
17050166-006B	Soil		0.03003	0	0	1	33.300	5/9/2017	5/9/2017
17050166-007B	Soil		0.03031	0	0	1	32.992	5/9/2017	5/9/2017
17050166-008B	Soil		0.03024	0	0	1	33.069	5/8/2017	5/9/2017
17050166-009B	Soil		0.03034	0	0	1	32.960	5/9/2017	5/9/2017
17050166-010B	Soil		0.03044	0	0	1	32.852	5/9/2017	5/9/2017
17050161-001BMS	Soil		0.03019	0	0	1	33.124	5/9/2017	5/9/2017
17050161-001BMSD	Soil		0.03019	0	0	1	33.124	5/9/2017	5/9/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
MB-100325-SVOC	ZZZZZ	MBLK	mg/Kg	SW8270C	5/8/2017	5/9/2017	SVOC-7_170509A	3646691
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aniline		ND		0.33				
Benzidine		ND		0.33				
Benzoic acid		ND		0.83				
Benzyl alcohol		ND		0.17				
Bis(2-chloroethoxy)methane		ND		0.17				
Bis(2-chloroethyl)ether		ND		0.17				
Bis(2-ethylhexyl)phthalate		ND		0.83				
4-Bromophenyl phenyl ether		ND		0.17				
Butyl benzyl phthalate		ND		0.17				
4-Chloroaniline		ND		0.17				
4-Chloro-3-methylphenol		ND		0.33				
2-Chloronaphthalene		ND		0.17				
2-Chlorophenol		ND		0.17				
4-Chlorophenyl phenyl ether		ND		0.17				
Dibenzofuran		ND		0.17				
1,2-Dichlorobenzene		ND		0.17				
1,3-Dichlorobenzene		ND		0.17				
1,4-Dichlorobenzene		ND		0.17				
3,3'-Dichlorobenzidine		ND		0.17				

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100325**

Sample ID: <b>MB-100325-SVOC</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW8270C</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>SVOC-7_170509A</b>	SeqNo: <b>3646691</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
2,4-Dichlorophenol		ND		0.17								
Diethyl phthalate		ND		0.17								
2,4-Dimethylphenol		ND		0.17								
Dimethyl phthalate		ND		0.17								
4,6-Dinitro-2-methylphenol		ND		0.33								
2,4-Dinitrophenol		ND		0.83								
Di-n-butyl phthalate		ND		0.17								
Di-n-octyl phthalate		ND		0.17								
Hexachlorobenzene		ND		0.17								
Hexachlorobutadiene		ND		0.17								
Hexachlorocyclopentadiene		ND		0.17								
Hexachloroethane		ND		0.17								
Isophorone		ND		0.17								
2-Methylnaphthalene		ND		0.17								
2-Methylphenol		ND		0.17								
4-Methylphenol		ND		0.17								
2-Nitroaniline		ND		0.17								
3-Nitroaniline		ND		0.17								
4-Nitroaniline		ND		0.17								
2-Nitrophenol		ND		0.17								
4-Nitrophenol		ND		0.33								
N-Nitrosodimethylamine		ND		0.17								
N-Nitrosodiphenylamine		ND		0.17								
2, 2'-oxybis(1-Chloropropane)		ND		0.17								
Phenol		ND		0.17								
Pyridine		ND		0.67								
1,2,4-Trichlorobenzene		ND		0.17								
2,4,5-Trichlorophenol		ND		0.17								
2,4,6-Trichlorophenol		ND		0.17								

Sample ID: <b>LCS-100325-SVOC</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW8270C</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>SVOC-7_170509A</b>	SeqNo: <b>3646692</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene		1.32	0.033	1.667	0	79.2	37	134	0	0		
4-Chloro-3-methylphenol		2.85	0.33	3.333	0	85.5	29	134	0	0		
2-Chlorophenol		2.409	0.17	3.333	0	72.3	29	105	0	0		
1,4-Dichlorobenzene		1.117	0.17	1.667	0	67	26	111	0	0		
2,4-Dinitrotoluene		1.229	0.033	1.667	0	73.7	46	125	0	0		
4-Nitrophenol		3.053	0.33	3.333	0	91.6	12	146	0	0		
N-Nitrosodi-n-propylamine		1.279	0.033	1.667	0	76.7	29	109	0	0		
Pentachlorophenol		3.318	0.067	3.333	0	99.5	10	192	0	0		
Phenol		2.409	0.17	3.333	0	72.3	27	104	0	0		
Pyrene		1.413	0.033	1.667	0	84.7	42	148	0	0		
1,2,4-Trichlorobenzene		1.237	0.17	1.667	0	74.2	55	106	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100325**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
17050161-001BMS	ZZZZZ	MS	mg/Kg	SW8270C	5/9/2017	5/9/2017	SVOC-7_170509A	3646727				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthene		1.134	0.033	1.657	0.01523	67.5	24	139	0	0		
4-Chloro-3-methylphenol		2.349	0.33	3.312	0	70.9	28	121	0	0		
2-Chlorophenol		2.057	0.17	3.312	0	62.1	21	102	0	0		
1,4-Dichlorobenzene		0.8894	0.17	1.657	0	53.7	27	95	0	0		
2,4-Dinitrotoluene		1.176	0.033	1.657	0	71	32	127	0	0		
4-Nitrophenol		2.742	0.33	3.312	0	82.8	10	156	0	0		
N-Nitrosodi-n-propylamine		1.09	0.033	1.657	0	65.8	16	122	0	0		
Pentachlorophenol		2.718	0.067	3.312	0	82.1	10	204	0	0		
Phenol		2.179	0.17	3.312	0	65.8	20	103	0	0		
Pyrene		1.09	0.033	1.657	0.09834	59.9	10	184	0	0		
1,2,4-Trichlorobenzene		0.9967	0.17	1.657	0	60.2	55	106	0	0		

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
17050161-001BMSD	ZZZZZ	MSD	mg/Kg	SW8270C	5/9/2017	5/9/2017	SVOC-7_170509A	3646731				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Acenaphthene		1.291	0.033	1.657	0.01523	77	24	139	1.134	13.0	57	
4-Chloro-3-methylphenol		2.803	0.33	3.312	0	84.6	28	121	2.349	17.6	88	
2-Chlorophenol		2.564	0.17	3.312	0	77.4	21	102	2.057	21.9	49	
1,4-Dichlorobenzene		1.032	0.17	1.657	0	62.3	27	95	0.8894	14.9	43	
2,4-Dinitrotoluene		1.319	0.033	1.657	0	79.6	32	127	1.176	11.4	37	
4-Nitrophenol		2.867	0.33	3.312	0	86.6	10	156	2.742	4.46	56	
N-Nitrosodi-n-propylamine		1.304	0.033	1.657	0	78.7	16	122	1.09	17.8	47	
Pentachlorophenol		3.109	0.067	3.312	0	93.9	10	204	2.718	13.4	47	
Phenol		2.593	0.17	3.312	0	78.3	20	103	2.179	17.4	66	
Pyrene		1.396	0.033	1.657	0.09834	78.3	10	184	1.09	24.6	51	
1,2,4-Trichlorobenzene		1.23	0.17	1.657	0	74.2	55	106	0.9967	20.9	23	

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H/HT - Holding Time Exceeded

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E - Value above quantitation range

**STAT Analysis Corporation**

CLIENT: Weaver Consultants Group

Work Order: 17050147

Project: 3896-300-01-03B, Lake Street, Melrose Park

Test No: SW8270C-SIM

Matrix: W

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14				
17050147-019B	77.3	83.8	87.0	102				
17050147-020B	74.7	82.6	83.5	95.6				
17050147-021B	71.9	82.8	80.7	107				
17050147-022B	72.5	81.0	83.3	85.4				
MB-100324	92.2	88.2	108	115				
LCS-100324	88.0	81.2	108	116				
LCSD-100324	99.4	91.0	116	114				

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	16-110
NO2BZD5	= Nitrobenzene-d5	35-114
PHEN2F	= 2-Fluorobiphenyl	43-116
PHEND14	= 4-Terphenyl-d14	33-141

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100324**

**PREP BATCH SUMMARY**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100324			1	0	0	1	1.000	5/8/2017	5/8/2017
LCS-100324			1	0	0	1	1.000	5/8/2017	5/8/2017
LCSD-100324			1	0	0	1	1.000	5/8/2017	5/8/2017
17050147-019B	Aqueous		1	0	0	1	1.000	5/8/2017	5/8/2017
17050147-020B	Aqueous		1	0	0	1	1.000	5/8/2017	5/8/2017
17050147-021B	Aqueous		0.5	0	0	0.5	1.000	5/8/2017	5/8/2017
17050147-021BMS	Aqueous		0.5	0	0	0.5	1.000	5/8/2017	5/8/2017
17050147-021BMSD	Aqueous		0.5	0	0	0.5	1.000	5/8/2017	5/8/2017
17050147-022B	Aqueous		1	0	0	1	1.000	5/8/2017	5/8/2017
17050192-001B	Aqueous		1	0	0	1	1.000	5/8/2017	5/8/2017
17050192-003B	Aqueous		0.5	0	0	0.5	1.000	5/8/2017	5/8/2017
17050145-001B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050176-001B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050176-002B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050176-003B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050192-002B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050199-007B	Aqueous		1	0	0	1	1.000	5/9/2017	5/9/2017
17050213-001A	Aqueous		1	0	0	1	1.000	5/9/2017	5/9/2017
17050217-005B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050217-006B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017
17050223-007B	Aqueous		0.5	0	0	0.5	1.000	5/9/2017	5/9/2017

**QC SUMMARY**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>MB-100324</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8270C-SIM</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>SVOC-8_170510A</b>	<b>3647971</b>

Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene	ND		0.0010								
Acenaphthylene	ND		0.0010								
Anthracene	ND		0.0010								
Benz(a)anthracene	ND		0.00010								
Benzo(a)pyrene	ND		0.00010								
Benzo(b)fluoranthene	ND		0.00010								
Benzo(g,h,i)perylene	ND		0.0010								
Benzo(k)fluoranthene	ND		0.00010								
Carbazole	ND		0.00010								
Chrysene	ND		0.00010								
Dibenz(a,h)anthracene	ND		0.00010								
2,4-Dinitrotoluene	ND		0.00010								
2,6-Dinitrotoluene	ND		0.00010								
Fluoranthene	ND		0.0010								
Fluorene	ND		0.0010								
Indeno(1,2,3-cd)pyrene	ND		0.00010								
N-Nitrosodi-n-propylamine	ND		0.00010								
Naphthalene	ND		0.0010								
Nitrobenzene	ND		0.0010								
Pentachlorophenol	ND		0.00050								
Phenanthrene	0.00008		0.0010								J
Pyrene	ND		0.0010								

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

R - RPD outside accepted recovery limits

H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**  
**GCMS Semivolatiles**  
**BatchID: 100324**

Sample ID: <b>LCS-100324</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	TestNo: <b>SW8270C-SIM</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/10/2017</b>	Run ID: <b>SVOC-8_170510A</b>	SeqNo: <b>3647972</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene		0.00431	0.0010	0.005	0	86.2	50	125	0	0		
Acenaphthylene		0.0041	0.0010	0.005	0	82	50	125	0	0		
Anthracene		0.00431	0.0010	0.005	0	86.2	50	125	0	0		
Benz(a)anthracene		0.00465	0.00010	0.005	0	93	50	125	0	0		
Benzo(a)pyrene		0.00443	0.00010	0.005	0	88.6	50	125	0	0		
Benzo(b)fluoranthene		0.00451	0.00010	0.005	0	90.2	50	125	0	0		
Benzo(g,h,i)perylene		0.00472	0.0010	0.005	0	94.4	50	125	0	0		
Benzo(k)fluoranthene		0.00491	0.00010	0.005	0	98.2	50	125	0	0		
Carbazole		0.00482	0.00010	0.005	0	96.4	50	125	0	0		
Chrysene		0.00495	0.00010	0.005	0	99	50	125	0	0		
Dibenz(a,h)anthracene		0.00469	0.00010	0.005	0	93.8	50	125	0	0		
2,4-Dinitrotoluene		0.0039	0.00010	0.005	0	78	50	125	0	0		
2,6-Dinitrotoluene		0.0045	0.00010	0.005	0	90	50	125	0	0		
Fluoranthene		0.00462	0.0010	0.005	0	92.4	50	125	0	0		
Fluorene		0.00447	0.0010	0.005	0	89.4	50	125	0	0		
Indeno(1,2,3-cd)pyrene		0.00468	0.00010	0.005	0	93.6	50	125	0	0		
N-Nitrosodi-n-propylamine		0.00314	0.00010	0.005	0	62.8	50	125	0	0		
Naphthalene		0.00406	0.0010	0.005	0	81.2	50	125	0	0		
Nitrobenzene		0.00337	0.0010	0.005	0	67.4	50	125	0	0		
Pentachlorophenol		0.01076	0.00050	0.01	0	108	50	125	0	0		
Phenanthrene		0.00463	0.0010	0.005	0.00005	91.6	50	125	0	0		
Pyrene		0.00465	0.0010	0.005	0	93	50	125	0	0		

Sample ID: <b>LCSD-100324</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW8270C-SIM</b>	Prep Date: <b>5/8/2017</b>	Analysis Date: <b>5/10/2017</b>	Run ID: <b>SVOC-8_170510A</b>	SeqNo: <b>3647973</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Acenaphthene		0.00477	0.0010	0.005	0	95.4	50	125	0.00431	10.1	25	
Acenaphthylene		0.00409	0.0010	0.005	0	81.8	50	125	0.00441	0.244	25	
Anthracene		0.00463	0.0010	0.005	0	92.6	50	125	0.00431	7.16	25	
Benz(a)anthracene		0.00447	0.00010	0.005	0	89.4	50	125	0.00465	3.95	25	
Benzo(a)pyrene		0.00431	0.00010	0.005	0	86.2	50	125	0.00443	2.75	25	
Benzo(b)fluoranthene		0.00446	0.00010	0.005	0	89.2	50	125	0.00451	1.11	25	
Benzo(g,h,i)perylene		0.00447	0.0010	0.005	0	89.4	50	125	0.00472	5.44	25	
Benzo(k)fluoranthene		0.00493	0.00010	0.005	0	98.6	50	125	0.00491	0.407	25	
Carbazole		0.00499	0.00010	0.005	0	99.8	50	125	0.00482	3.47	25	
Chrysene		0.00506	0.00010	0.005	0	101	50	125	0.00495	2.20	25	
Dibenz(a,h)anthracene		0.00454	0.00010	0.005	0	90.8	50	125	0.00469	3.25	25	
2,4-Dinitrotoluene		0.00439	0.00010	0.005	0	87.8	50	125	0.0039	11.8	25	
2,6-Dinitrotoluene		0.0041	0.00010	0.005	0	82	50	125	0.0045	9.30	25	
Fluoranthene		0.00474	0.0010	0.005	0	94.8	50	125	0.00462	2.56	25	
Fluorene		0.0048	0.0010	0.005	0	96	50	125	0.00447	7.12	25	
Indeno(1,2,3-cd)pyrene		0.00465	0.00010	0.005	0	93	50	125	0.00468	0.643	25	
N-Nitrosodi-n-propylamine		0.00338	0.00010	0.005	0	67.6	50	125	0.00314	7.36	25	
Naphthalene		0.00465	0.0010	0.005	0	93	50	125	0.00406	13.5	25	
Nitrobenzene		0.00381	0.0010	0.005	0	76.2	50	125	0.00337	12.3	25	
Pentachlorophenol		0.01074	0.00050	0.01	0	107	50	125	0.01076	0.186	25	
Phenanthrene		0.00482	0.0010	0.005	0.00005	95.4	50	125	0.00463	4.02	25	
Pyrene		0.0046	0.0010	0.005	0	92	50	125	0.00465	1.08	25	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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**STAT Analysis Corporation**

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park  
**Test No:** SW8082      **Matrix:** S

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

**Sample ID**      **CL10BZ2**      **XYL2456CLM**

MB-100270-PCB	121	89.9					
LCS-100270-PCB	129	82.8					
17050094-022BMS	117	117					
17050094-022BMSD	123	80.8					
17050147-001B	123	108					
17050147-003B	134	137					
17050147-005B	117	143					
17050147-007B	108	114					
17050147-009B	117	107					
17050147-011B	128	136					
17050147-013B	119	67.7					
17050147-015B	131	143					
17050147-017B	142	99.0					

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GC Semivolatiles

BatchID: 100270

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100270-PCB			0.03	0	0	10	333.333	5/5/2017	5/5/2017
LCS-100270-PCB			0.03	0	0	10	333.333	5/5/2017	5/5/2017
17050094-022B	Soil		0.03027	0	0	10	330.360	5/5/2017	5/5/2017
17050094-022BMS	Soil		0.03028	0	0	10	330.251	5/5/2017	5/5/2017
17050094-022BMSD	Soil		0.03028	0	0	10	330.251	5/5/2017	5/5/2017
17050147-001B	Soil		0.03035	0	0	10	329.489	5/5/2017	5/5/2017
17050147-003B	Soil		0.03033	0	0	10	329.707	5/5/2017	5/5/2017
17050147-005B	Soil		0.03027	0	0	10	330.360	5/5/2017	5/5/2017
17050147-007B	Soil		0.03068	0	0	10	325.945	5/5/2017	5/5/2017
17050147-009B	Soil		0.03041	0	0	10	328.839	5/5/2017	5/5/2017
17050147-011B	Soil		0.03024	0	0	10	330.688	5/5/2017	5/5/2017
17050147-013B	Soil		0.03023	0	0	10	330.797	5/5/2017	5/5/2017
17050147-015B	Soil		0.03009	0	0	10	332.336	5/5/2017	5/5/2017
17050147-017B	Soil		0.03076	0	0	10	325.098	5/5/2017	5/5/2017
17050160-001B	Soil		0.03049	0	0	10	327.976	5/5/2017	5/5/2017
17050160-002B	Soil		0.03065	0	0	10	326.264	5/5/2017	5/5/2017
17050160-003B	Soil		0.03058	0	0	10	327.011	5/5/2017	5/5/2017
17050160-004B	Soil		0.03035	0	0	10	329.489	5/5/2017	5/5/2017
17050160-005B	Soil		0.03034	0	0	10	329.598	5/5/2017	5/5/2017
17050160-006B	Soil		0.03038	0	0	10	329.164	5/5/2017	5/5/2017
17050169-001A	Soil		0.03085	0	0	10	324.149	5/5/2017	5/5/2017
17050169-002A	Soil		0.0302	0	0	10	331.126	5/5/2017	5/5/2017
17050169-003A	Soil		0.03009	0	0	10	332.336	5/5/2017	5/5/2017
17050175-001A	Soil		0.03083	0	0	10	324.359	5/5/2017	5/5/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100270-PCB</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644134</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		ND	0.080									
Aroclor 1221		ND	0.080									
Aroclor 1232		ND	0.080									
Aroclor 1242		ND	0.080									
Aroclor 1248		ND	0.080									
Aroclor 1254		ND	0.080									
Aroclor 1260		ND	0.080									
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100270-PCB</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644136</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		0.5359	0.080	0.333	0	161	30	150	0	0		S
Aroclor 1260		0.3417	0.080	0.333	0	103	30	150	0	0		
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMS</b>	<b>ZZZZZ</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644140</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		0.5831	0.094	0.3904	0	149	30	150	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

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R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### GC Semivolatiles

**BatchID: 100270**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMS</b>	<b>ZZZZZ</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644140</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1260		0.385	0.094	0.3904	0	98.6	30	150	0	0		
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050094-022BMSD</b>	<b>ZZZZZ</b>	<b>MSD</b>	<b>mg/Kg-dry</b>	<b>SW8082</b>	<b>5/5/2017</b>	<b>5/5/2017</b>	<b>GC-ECD3_170505A</b>	<b>3644147</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Aroclor 1016		0.6253	0.094	0.3904	0	160	30	150	0.5831	6.99	25	S
Aroclor 1260		0.4126	0.094	0.3904	0	106	30	150	0.385	6.92	25	

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**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**STAT Analysis Corporation**

CLIENT: Weaver Consultants Group

Work Order: 17050147

Project: 3896-300-01-03B, Lake Street, Melrose Park

Test No: SW8082      Matrix: W

**QC SUMMARY REPORT  
SURROGATE RECOVERIES**

Sample ID      CL10BZ2      XYL2456CLM

MB-100316-PCB	116	74.0					
LCS-100316-PCB	89.0	77.0					
LCSD-100316-PCB	112	79.0					
17050147-019B	80.0	120					
17050147-020B	84.0	106					
17050147-021B	76.5	90.0					
17050147-021BMS	95.0	98.0					
17050147-021BMSD	72.5	114					
17050147-022B	70.5	98.5					

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

\* Surrogate recovery outside acceptance limits

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### GC Semivolatiles

BatchID: 100316

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100316-PCB			1	0	0	10	10.000	5/8/2017	5/8/2017
LCS-100316-PCB			1	0	0	10	10.000	5/8/2017	5/8/2017
LCSD-100316-PCB			1	0	0	10	10.000	5/8/2017	5/8/2017
17050147-019B	Aqueous		0.5	0	0	5	10.000	5/8/2017	5/8/2017
17050147-020B	Aqueous		0.5	0	0	5	10.000	5/8/2017	5/8/2017
17050147-021B	Aqueous		0.5	0	0	5	10.000	5/8/2017	5/8/2017
17050147-021BMS	Aqueous		0.5	0	0	5	10.000	5/8/2017	5/8/2017
17050147-021BMSD	Aqueous		0.5	0	0	5	10.000	5/8/2017	5/8/2017
17050147-022B	Aqueous		0.5	0	0	5	10.000	5/8/2017	5/8/2017
17050208-002A	Aqueous		0.05	0	0	10	200.000	5/8/2017	5/8/2017
17050210-001A	Aqueous		0.08	0	0	10	125.000	5/8/2017	5/8/2017
17050212-001A	Aqueous		0.08	0	0	10	125.000	5/8/2017	5/8/2017
17050214-002A	Aqueous		0.08	0	0	10	125.000	5/8/2017	5/8/2017
17050214-004A	Aqueous		0.06	0	0	10	166.667	5/8/2017	5/8/2017
17050214-006A	Aqueous		0.06	0	0	10	166.667	5/8/2017	5/8/2017
17050259-002A	Aqueous		0.1	0	0	10	100.000	5/9/2017	5/9/2017
17050259-004A	Aqueous		0.1	0	0	10	100.000	5/9/2017	5/9/2017

#### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>MB-100316-PCB</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>GC-ECD3_170508A</b>	<b>3645106</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		ND	0.00050					
Aroclor 1221		ND	0.00050					
Aroclor 1232		ND	0.00050					
Aroclor 1242		ND	0.00050					
Aroclor 1248		ND	0.00050					
Aroclor 1254		ND	0.00050					
Aroclor 1260		ND	0.00050					
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>LCS-100316-PCB</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>GC-ECD3_170508A</b>	<b>3645107</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		0.01428	0.00050	0.01	0	143	30	150
Aroclor 1260		0.009556	0.00050	0.01	0	95.6	30	150
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>LCSD-100316-PCB</b>	<b>ZZZZZ</b>	<b>LCSD</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/8/2017</b>	<b>5/8/2017</b>	<b>GC-ECD3_170508A</b>	<b>3645108</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		0.01455	0.00050	0.01	0	146	30	150
Aroclor 1260		0.01025	0.00050	0.01	0	103	30	150
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050147-021BMS</b>	<b>LS-GW-TW-04</b>	<b>MS</b>	<b>mg/L</b>	<b>SW8082</b>	<b>5/8/2017</b>	<b>5/9/2017</b>	<b>GC-ECD3_170509A</b>	<b>3647155</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Aroclor 1016		0.02706	0.00050	0.02	0	135	30	150
Aroclor 1260		0.01139	0.00050	0.02	0	56.9	30	150

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range	
* - Non Accredited Parameter	H/HT - Holding Time Exceeded		

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

**ANALYTICAL QC SUMMARY REPORT**

**GC Semivolatiles**

**BatchID: 100316**

Sample ID: 17050147-021BMSD	Customer ID: LS-GW-TW-04	SampType: MSD	Units: mg/L	TestNo: SW8082	Prep Date: 5/8/2017	Analysis Date: 5/9/2017	Run ID: GC-ECD3_170509A	SeqNo: 3647156				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016		0.02565	0.00050	0.02	0	128	30	150	0.02706	5.37	25	
Aroclor 1260		0.01231	0.00050	0.02	0	61.6	30	150	0.01139	7.82	25	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

# ANALYTICAL QC SUMMARY REPORT

GC Semivolatiles

BatchID: 100310

## PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100310-TPH			0.005	0	0	5	1000.000	5/8/2017	5/8/2017
LCS-100310-TPH			0.005	0	0	5	1000.000	5/8/2017	5/8/2017
17050089-001B	Soil		0.00502	0	0	5	996.016	5/8/2017	5/8/2017
17050089-002B	Soil		0.00508	0	0	5	984.252	5/8/2017	5/8/2017
17050089-003B	Soil		0.00526	0	0	5	950.570	5/8/2017	5/8/2017
17050089-004B	Soil		0.00532	0	0	5	939.850	5/8/2017	5/8/2017
17050089-005B	Soil		0.00517	0	0	5	967.118	5/8/2017	5/8/2017
17050094-001B	Soil		0.00505	0	0	5	990.099	5/8/2017	5/8/2017
17050094-002B	Soil		0.0051	0	0	5	980.392	5/8/2017	5/8/2017
17050094-004B	Soil		0.00515	0	0	5	970.874	5/8/2017	5/8/2017
17050094-006B	Soil		0.0052	0	0	5	961.538	5/8/2017	5/8/2017
17050094-008B	Soil		0.00511	0	0	5	978.474	5/8/2017	5/8/2017
17050094-010B	Soil		0.00516	0	0	5	968.992	5/8/2017	5/8/2017
17050094-012B	Soil		0.00537	0	0	5	931.099	5/8/2017	5/8/2017
17050094-014B	Soil		0.00507	0	0	5	986.193	5/8/2017	5/8/2017
17050094-016B	Soil		0.00514	0	0	5	972.763	5/8/2017	5/8/2017
17050094-018B	Soil		0.00518	0	0	5	965.251	5/8/2017	5/8/2017
17050094-020B	Soil		0.00524	0	0	5	954.198	5/8/2017	5/8/2017
17050094-022B	Soil		0.00512	0	0	5	976.562	5/8/2017	5/8/2017
17050094-022BMS	Soil		0.00512	0	0	5	976.562	5/8/2017	5/8/2017
17050094-022BMSD	Soil		0.00513	0	0	5	974.659	5/8/2017	5/8/2017
17050147-001B	Soil		0.00529	0	0	5	945.180	5/8/2017	5/8/2017
17050147-003B	Soil		0.00523	0	0	5	956.023	5/8/2017	5/8/2017
17050147-005B	Soil		0.00531	0	0	5	941.620	5/8/2017	5/8/2017

## QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>MB-100310-TPH</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647305</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		13.16		20								J	
TPH (DRO)		13.34		20								J	
TPH (ERO)		9.458		20								J*	
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>LCS-100310-TPH</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647306</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		292.9		20	200	13.16	140	30	150	0	0		
TPH (DRO)		181		20	200	13.34	83.8	30	150	0	0		
TPH (ERO)		142.4		20	200	9.458	66.5	30	150	0	0	*	
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:					
<b>17050094-022BMS</b>	<b>ZZZZZ</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/9/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647288</b>					
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		334.1		23	231.1	13.97	139	30	150	0	0		
TPH (DRO)		240.6		23	231.1	7.873	101	30	150	0	0		
TPH (ERO)		212.7		23	231.1	0	92	30	150	0	0	*	

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

**GC Semivolatiles**

**BatchID: 100310**

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
17050094-022BMSD	ZZZZZ	MSD	mg/Kg-dry	SW8015M	5/8/2017	5/9/2017	GC-FID-2_170509A	3647289				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
TPH (GRO)		352.9	23	230.7	13.97	147	30	150	334.1	5.48	25	
TPH (DRO)		230.3	23	230.7	7.873	96.4	30	150	240.6	4.35	25	
TPH (ERO)		196.5	23	230.7	0	85.2	30	150	212.7	7.94	25	*

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

GC Semivolatiles

BatchID: 100322

### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-100322-TPH			0.005	0	0	5	1000.000	5/8/2017	5/8/2017
LCS-100322-TPH			0.005	0	0	5	1000.000	5/8/2017	5/8/2017
17050147-007B	Soil		0.00524	0	0	5	954.198	5/8/2017	5/8/2017
17050147-009B	Soil		0.00531	0	0	5	941.620	5/8/2017	5/8/2017
17050147-011B	Soil		0.00516	0	0	5	968.992	5/8/2017	5/8/2017
17050147-013B	Soil		0.00509	0	0	5	982.318	5/8/2017	5/8/2017
17050147-015B	Soil		0.00508	0	0	5	984.252	5/8/2017	5/8/2017
17050147-017B	Soil		0.00521	0	0	5	959.693	5/8/2017	5/8/2017
17050147-013BMS	Soil		0.00509	0	0	5	982.318	5/8/2017	5/8/2017
17050147-013BMSD	Soil		0.00508	0	0	5	984.252	5/8/2017	5/8/2017
17050226-001A	Soil		0.00516	0	0	5	968.992	5/8/2017	5/8/2017
17050281-001A	Soil		0.00503	0	0	5	994.036	5/9/2017	5/9/2017

### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>MB-100322-TPH</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/Kg</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647319</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit
TPH (GRO)		11.14		20								J
TPH (DRO)		5.146		20								J
TPH (ERO)		ND		20								*
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>LCS-100322-TPH</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/Kg</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647320</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit
TPH (GRO)		289.8		20	200	11.14	139	30	150	0	0	
TPH (DRO)		185.2		20	200	5.146	90	30	150	0	0	
TPH (ERO)		200.8		20	200	0	100	30	150	0	0	*
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050147-013BMS</b>	<b>LS-SB-GP-08 / 2-4'</b>	<b>MS</b>	<b>mg/Kg-dry</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647325</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit
TPH (GRO)		393.1		24	243.4	72.05	132	30	150	0	0	
TPH (DRO)		821.5		24	243.4	394	176	30	150	0	0	S
TPH (ERO)		132.6		24	243.4	0	54.5	30	150	0	0	*
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>17050147-013BMSD</b>	<b>LS-SB-GP-08 / 2-4'</b>	<b>MSD</b>	<b>mg/Kg-dry</b>	<b>SW8015M</b>	<b>5/8/2017</b>	<b>5/10/2017</b>	<b>GC-FID-2_170509A</b>	<b>3647326</b>				
Analyte		Result		PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit
TPH (GRO)		378.4		24	243.9	72.05	126	30	150	393.1	3.81	25
TPH (DRO)		634.3		24	243.9	394	98.5	30	150	821.5	25.7	25 R
TPH (ERO)		263.2		24	243.9	0	108	30	150	132.6	66.0	25 R*

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

**BatchID: 100260**

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBW2 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
ILCSW2 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
17050036-001A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050036-002A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050036-003A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-024C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050094-025C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050094-026C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050133-001Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050133-002Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050133-003Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050133-004Aa	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050145-001C	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-019C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050147-020C	Aqueous		10	0	0	50	5.000	5/4/2017	5/4/2017
17050147-021C	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021CMS	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021CMSP	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-022C	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050186-001A	Tclp Leachate		50	0	0	50	1.000	5/4/2017	5/4/2017
17050023-006A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050023-007A	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017

#### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>IMBW2 5/4/17</b>	<b>ZZZZZ</b>	<b>MBLK</b>	<b>mg/L</b>	<b>SW6020</b>	<b>5/4/2017</b>	<b>5/6/2017</b>	<b>ICPMS-3_170505A</b>	<b>3643531</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic		0.001199		0.0040								J
Barium		ND		0.0040								
Cadmium		ND		0.0020								
Chromium		ND		0.0040								
Lead		ND		0.0020								
Selenium		ND		0.0040								
Silver		ND		0.0040								
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
<b>ILCSW2 5/4/17</b>	<b>ZZZZZ</b>	<b>LCS</b>	<b>mg/L</b>	<b>SW6020</b>	<b>5/4/2017</b>	<b>5/6/2017</b>	<b>ICPMS-3_170505A</b>	<b>3643532</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic		0.5557		0.0040	0.5	0.001199	111	80	120	0	0	
Barium		0.5285		0.0040	0.5	0	106	80	120	0	0	
Cadmium		0.5501		0.0020	0.5	0	110	80	120	0	0	
Chromium		0.5689		0.0040	0.5	0	114	80	120	0	0	
Lead		0.5431		0.0020	0.5	0	109	80	120	0	0	
Selenium		0.5186		0.0040	0.5	0	104	80	120	0	0	
Silver		0.2209		0.0040	0.2	0	110	80	120	0	0	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

**BatchID: 100260**

Sample ID: <b>17050147-021CMS</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/4/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>ICPMS-3_170505A</b>	SeqNo: <b>3643536</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.5719	0.0040	0.5	0.01181	112	75	125	0	0		
Barium	0.6955	0.0040	0.5	0.1663	106	75	125	0	0		
Cadmium	0.5549	0.0020	0.5	0.001125	111	75	125	0	0		
Chromium	0.5673	0.0040	0.5	0.02808	108	75	125	0	0		
Lead	0.533	0.0020	0.5	0.02792	101	75	125	0	0		
Selenium	0.5223	0.0040	0.5	0	104	75	125	0	0		
Silver	0.1972	0.0040	0.2	0	98.6	75	125	0	0		

Sample ID: <b>17050147-021CMSD</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/4/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>ICPMS-3_170505A</b>	SeqNo: <b>3643537</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.5495	0.0040	0.5	0.01181	108	75	125	0.5719	3.99	20	
Barium	0.7283	0.0040	0.5	0.1663	112	75	125	0.6955	4.60	20	
Cadmium	0.5333	0.0020	0.5	0.001125	106	75	125	0.5549	3.97	20	
Chromium	0.5433	0.0040	0.5	0.02808	103	75	125	0.5673	4.33	20	
Lead	0.5577	0.0020	0.5	0.02792	106	75	125	0.533	4.52	20	
Selenium	0.5081	0.0040	0.5	0	102	75	125	0.5223	2.76	20	
Silver	0.2059	0.0040	0.2	0	103	75	125	0.1972	4.33	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

**BatchID: 100261**

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBW3 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
ILCSW3 5/4/17			50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-024D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-025D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050094-026D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-019D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-020D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021DMS	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-021DMSD	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017
17050147-022D	Aqueous		50	0	0	50	1.000	5/4/2017	5/4/2017

#### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
IMBW3 5/4/17	ZZZZZ	MBLK	mg/L	SW6020	5/4/2017	5/5/2017	ICPMS-3_170504B	3642190

Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic	ND		0.0040								
Barium	ND		0.0040								
Cadmium	ND		0.0020								
Chromium	0.0005904		0.0040								J
Lead	ND		0.0020								
Selenium	ND		0.0040								
Silver	ND		0.0040								
Titanium	ND		0.010								*

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
ILCSW3 5/4/17	ZZZZZ	LCS	mg/L	SW6020	5/4/2017	5/5/2017	ICPMS-3_170504B	3642191

Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic	0.5261		0.0040	0.5	0	105	80	120	0	0	
Barium	0.4722		0.0040	0.5	0	94.4	80	120	0	0	
Cadmium	0.5307		0.0020	0.5	0	106	80	120	0	0	
Chromium	0.5423		0.0040	0.5	0.0005904	108	80	120	0	0	
Lead	0.475		0.0020	0.5	0	95	80	120	0	0	
Selenium	0.5061		0.0040	0.5	0	101	80	120	0	0	
Silver	0.1821		0.0040	0.2	0	91	80	120	0	0	

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
17050147-021DMS	LS-GW-TW-04	MS	mg/L	SW6020	5/4/2017	5/5/2017	ICPMS-3_170504B	3642194

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

**BatchID: 100261**

Sample ID: <b>17050147-021DMSD</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW6020</b>	Prep Date: <b>5/4/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>ICPMS-3_170504B</b>	SeqNo: <b>3642195</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.504	0.0040	0.5	0.006985	99.4	75	125	0.5154	2.24	20	
Barium	0.5702	0.0040	0.5	0.05202	104	75	125	0.57	0.0294	20	
Cadmium	0.5017	0.0020	0.5	0	100	75	125	0.5039	0.455	20	
Chromium	0.4854	0.0040	0.5	0.003293	96.4	75	125	0.5024	3.43	20	
Lead	0.5103	0.0020	0.5	0.002161	102	75	125	0.5058	0.877	20	
Selenium	0.504	0.0040	0.5	0	101	75	125	0.4904	2.74	20	
Silver	0.1927	0.0040	0.2	0	96.4	75	125	0.1903	1.25	20	

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H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100336

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBS1 5/9/17			1.2	0	0	50	41.667	5/9/2017	5/9/2017
ILCSS1 5/9/17			1.2	0	0	50	41.667	5/9/2017	5/9/2017
17050147-001B	Soil		1.145	0	0	50	43.668	5/9/2017	5/9/2017
17050147-003B	Soil		1.155	0	0	50	43.290	5/9/2017	5/9/2017
17050147-005B	Soil		1.187	0	0	50	42.123	5/9/2017	5/9/2017
17050147-007B	Soil		1.197	0	0	50	41.771	5/9/2017	5/9/2017
17050147-009B	Soil		1.103	0	0	50	45.331	5/9/2017	5/9/2017
17050147-011B	Soil		1.136	0	0	50	44.014	5/9/2017	5/9/2017
17050147-013B	Soil		1.17	0	0	50	42.735	5/9/2017	5/9/2017
17050147-015B	Soil		1.12	0	0	50	44.643	5/9/2017	5/9/2017
17050147-017B	Soil		1.148	0	0	50	43.554	5/9/2017	5/9/2017
17050153-001B	Soil		1.168	0	0	50	42.808	5/9/2017	5/9/2017
17050153-003B	Soil		1.164	0	0	50	42.955	5/9/2017	5/9/2017
17050153-004B	Soil		1.134	0	0	50	44.092	5/9/2017	5/9/2017
17050153-005B	Soil		1.166	0	0	50	42.882	5/9/2017	5/9/2017
17050153-008B	Soil		1.127	0	0	50	44.366	5/9/2017	5/9/2017
17050216-001B	Soil		1.14	0	0	50	43.860	5/9/2017	5/9/2017
17050216-002B	Soil		1.198	0	0	50	41.736	5/9/2017	5/9/2017
17050216-003B	Soil		1.126	0	0	50	44.405	5/9/2017	5/9/2017
17050216-004B	Soil		1.184	0	0	50	42.230	5/9/2017	5/9/2017
17050145-002B	Soil		1.111	0	0	50	45.005	5/9/2017	5/9/2017
17050216-001BMS	Soil		1.142	0	0	50	43.783	5/9/2017	5/9/2017
17050216-001BMSD	Soil		1.147	0	0	50	43.592	5/9/2017	5/9/2017
17050280-001B	Soil		1.151	0	0	50	43.440	5/9/2017	5/9/2017

#### QC SUMMARY

Sample ID: IMBS1 5/9/17	Customer ID: ZZZZZ	SampType: MBLK	Units: mg/Kg	TestNo: SW6020	Prep Date: 5/9/2017	Analysis Date: 5/9/2017	Run ID: ICPMS-3_170509A	SeqNo: 3646449				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic		ND		0.42								
Barium		ND		0.42								
Cadmium		ND		0.21								
Chromium		ND		0.42								
Lead		ND		0.21								
Selenium		ND		0.42								
Silver		ND		0.42								

Sample ID: ILCSS1 5/9/17	Customer ID: ZZZZZ	SampType: LCS	Units: mg/Kg	TestNo: SW6020	Prep Date: 5/9/2017	Analysis Date: 5/9/2017	Run ID: ICPMS-3_170509A	SeqNo: 3646450				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Arsenic		20.92	0.42	20.83	0	100	80	120	0	0		
Barium		20.33	0.42	20.83	0	97.6	80	120	0	0		
Cadmium		20.56	0.21	20.83	0	98.7	80	120	0	0		
Chromium		21.62	0.42	20.83	0	104	80	120	0	0		
Lead		20.72	0.21	20.83	0	99.5	80	120	0	0		
Selenium		20.61	0.42	20.83	0	98.9	80	120	0	0		
Silver		8.353	0.42	8.333	0	100	80	120	0	0		

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 \* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 H/HT - Holding Time Exceeded

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100336

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
		MS	mg/Kg-dry	SW6020	5/9/2017	5/9/2017	ICPMS-3_170509A	3646455				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic		47.95	1.1	27.99	17.61	108	75	125	0	0		
Barium		75.88	1.1	27.99	47.84	100	75	125	0	0		
Cadmium		28.39	0.56	27.99	0.09284	101	75	125	0	0		
Chromium		52.42	1.1	27.99	23.71	103	75	125	0	0		
Lead		51.51	0.56	27.99	21.06	109	75	125	0	0		
Selenium		26.79	1.1	27.99	0.8995	92.5	75	125	0	0		
Silver		11.15	1.1	11.2	0.08778	98.8	75	125	0	0		

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:				
		MSD	mg/Kg-dry	SW6020	5/9/2017	5/9/2017	ICPMS-3_170509A	3646456				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic		43.58	1.1	27.87	17.61	93.2	75	125	47.95	9.54	20	
Barium		76.35	1.1	27.87	47.84	102	75	125	75.88	0.620	20	
Cadmium		27.74	0.56	27.87	0.09284	99.2	75	125	28.39	2.33	20	
Chromium		52.78	1.1	27.87	23.71	104	75	125	52.42	0.688	20	
Lead		47.71	0.56	27.87	21.06	95.6	75	125	51.51	7.65	20	
Selenium		26	1.1	27.87	0.8995	90.1	75	125	26.79	2.98	20	
Silver		10.89	1.1	11.15	0.08778	96.9	75	125	11.15	2.33	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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\* - Non Accredited Parameter

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank  
E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100279

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBW1 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
HGLCSW1 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-024D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-025D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-026D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-019D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-020D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021DMS	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021DMSD	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-022D	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050036-001A	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050036-002A	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050036-003A	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
HGMFTA1 5/4/17			30	0	0	30	1.000	5/5/2017	5/5/2017
17050178-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-003B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-004B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-004BMS	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050150-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050150-002B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050161-001B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050136-007B	Soil		30	0	0	30	1.000	5/5/2017	5/5/2017
17050069-001C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050069-002C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017

#### QC SUMMARY

Sample ID: <b>17050147-021DMS</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MS</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505C</b>	SeqNo: <b>3644084</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0022	0.00020	0.0025	0.00001	87.6	75	125
					RPD Ref Val	%RPD	RPD Limit	Qual
Mercury		ND	0.00020				0	0
Sample ID: <b>HGMBW1 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505B</b>	SeqNo: <b>3642990</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		ND	0.00020				RPD Ref Val	%RPD
					RPD Limit	Qual		
Mercury		ND	0.00020				0	0
Sample ID: <b>HGLCSW1 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505B</b>	SeqNo: <b>3642991</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0026	0.00020	0.0025	0	104	85	115
					RPD Ref Val	%RPD	RPD Limit	Qual
Mercury		0.0026	0.00020	0.0025	0	104	85	115
Sample ID: <b>17050147-021DMSD</b>	Customer ID: <b>LS-GW-TW-04</b>	SampType: <b>MSD</b>	Units: <b>mg/L</b>	TestNo: <b>SW7470A</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/5/2017</b>	Run ID: <b>CETAC 2_170505C</b>	SeqNo: <b>3644116</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0023	0.00020	0.0025	0.00001	91.6	75	125
					RPD Ref Val	%RPD	RPD Limit	Qual
Mercury		0.0023	0.00020	0.0025	0.00001	91.6	75	125

**Qualifiers:** ND - Not Detected at the Reporting Limit  
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R - RPD outside accepted recovery limits  
H/HT - Holding Time Exceeded

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100280

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBW2 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
HGLCSW2 5/5/17			30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-024C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-025C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050094-026C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-019C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-020C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021CMS	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-021CMSC	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050147-022C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050192-001C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050192-002C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017
17050192-003C	Aqueous		30	0	0	30	1.000	5/5/2017	5/5/2017

#### QC SUMMARY

Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>HGMBW2 5/5/17</b>	ZZZZZ	MBLK	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644103
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		ND	0.00020				RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>HGLCSW2 5/5/17</b>	ZZZZZ	LCS	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644104
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0026	0.00020	0.0025	0	104	85	115
							RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050147-021CMS</b>	LS-GW-TW-04	MS	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644111
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0027	0.00020	0.0025	0.00005	106	75	125
							RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID:	Customer ID:	SampType:	Units:	TestNo:	Prep Date:	Analysis Date:	Run ID:	SeqNo:
<b>17050147-021CMSC</b>	LS-GW-TW-04	MSD	mg/L	SW7470A	5/5/2017	5/5/2017	CETAC 2_170505C	3644112
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.0025	0.00020	0.0025	0.00005	98	75	125
							RPD Ref Val	%RPD
							RPD Limit	Qual

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**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

### Metals

BatchID: 100359

#### PREP BATCH SUMMARY

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBS1 5/9/17			0.3	0	0	30	100.000	5/9/2017	5/9/2017
HGLCSS1 5/9/17			0.3	0	0	30	100.000	5/9/2017	5/9/2017
17050280-001B	Soil		0.364	0	0	30	82.418	5/9/2017	5/9/2017
17050136-001B	Soil		0.313	0	0	30	95.847	5/9/2017	5/9/2017
17050136-003B	Soil		0.332	0	0	30	90.361	5/9/2017	5/9/2017
17050136-004B	Soil		0.312	0	0	30	96.154	5/9/2017	5/9/2017
17050136-007B	Soil		0.341	0	0	30	87.977	5/9/2017	5/9/2017
17050147-001B	Soil		0.314	0	0	30	95.541	5/9/2017	5/9/2017
17050147-003B	Soil		0.325	0	0	30	92.308	5/9/2017	5/9/2017
17050147-005B	Soil		0.326	0	0	30	92.025	5/9/2017	5/9/2017
17050147-007B	Soil		0.386	0	0	30	77.720	5/9/2017	5/9/2017
17050147-009B	Soil		0.327	0	0	30	91.743	5/9/2017	5/9/2017
17050147-011B	Soil		0.354	0	0	30	84.746	5/9/2017	5/9/2017
17050147-013B	Soil		0.313	0	0	30	95.847	5/9/2017	5/9/2017
17050147-015B	Soil		0.359	0	0	30	83.565	5/9/2017	5/9/2017
17050147-017B	Soil		0.323	0	0	30	92.879	5/9/2017	5/9/2017
XXXX	Soil		0.3	0	0	30	100.000	5/9/2017	5/9/2017
17050166-001BMS	Soil		0.305	0	0	30	98.361	5/9/2017	5/9/2017
17050166-001BMSD	Soil		0.305	0	0	30	98.361	5/9/2017	5/9/2017
17050216-002B	Soil		0.31	0	0	30	96.774	5/9/2017	5/9/2017
17050216-003B	Soil		0.326	0	0	30	92.025	5/9/2017	5/9/2017
17050216-004B	Soil		0.313	0	0	30	95.847	5/9/2017	5/9/2017
17050193-001A	Soil		0.311	0	0	30	96.463	5/9/2017	5/9/2017
17050216-001B	Soil		0.307	0	0	30	97.720	5/9/2017	5/9/2017
17050216-001BMS	Soil		0.305	0	0	30	98.361	5/9/2017	5/9/2017
17050216-001BMSD	Soil		0.305	0	0	30	98.361	5/9/2017	5/9/2017

#### QC SUMMARY

Sample ID: <b>HGMBS1 5/9/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW7471A</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>CETAC 2_170509D</b>	SeqNo: <b>3646342</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		ND	0.020				RPD Ref Val	%RPD RPD Limit Qual
Sample ID: <b>HGLCSS1 5/9/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>mg/Kg</b>	TestNo: <b>SW7471A</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>CETAC 2_170509D</b>	SeqNo: <b>3646343</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.26	0.020	0.25	0	104	80	120
Sample ID: <b>17050216-001BMS</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MS</b>	Units: <b>mg/Kg-dry</b>	TestNo: <b>SW7471A</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>CETAC 2_170509D</b>	SeqNo: <b>3646361</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.3396	0.025	0.3145	0.03124	98.1	75	125
Sample ID: <b>17050216-001BMSD</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MSD</b>	Units: <b>mg/Kg-dry</b>	TestNo: <b>SW7471A</b>	Prep Date: <b>5/9/2017</b>	Analysis Date: <b>5/9/2017</b>	Run ID: <b>CETAC 2_170509D</b>	SeqNo: <b>3646362</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Mercury		0.327	0.025	0.3145	0.03124	94.1	75	125

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**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

Wet Chemistry

BatchID: R131962

### ANALYTICAL RUN SUMMARY

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3646267	17050136-001B	SAMP	PH_S	R131962	1	05/09/2017
3646268	17050136-001BDUP	DUP	PH_S	R131962	1	05/09/2017
3646269	17050136-002A	SAMP	PH_S	R131962	1	05/09/2017
3646270	17050136-003B	SAMP	PH_S	R131962	1	05/09/2017
3646271	17050136-004B	SAMP	PH_S	R131962	1	05/09/2017
3646272	17050136-005A	SAMP	PH_S	R131962	1	05/09/2017
3646273	17050136-006A	SAMP	PH_S	R131962	1	05/09/2017
3646274	17050136-007B	SAMP	PH_S	R131962	1	05/09/2017
3646275	17050136-008A	SAMP	PH_S	R131962	1	05/09/2017
3646276	17050136-009A	SAMP	PH_S	R131962	1	05/09/2017
3646277	17050145-002B	SAMP	PH_S	R131962	1	05/09/2017
3646278	17050147-001B	SAMP	PH_S	R131962	1	05/09/2017
3646279	17050147-003B	SAMP	PH_S	R131962	1	05/09/2017
3646280	17050147-005B	SAMP	PH_S	R131962	1	05/09/2017
3646281	17050147-007B	SAMP	PH_S	R131962	1	05/09/2017
3646282	17050147-009B	SAMP	PH_S	R131962	1	05/09/2017
3646283	17050147-011B	SAMP	PH_S	R131962	1	05/09/2017
3646284	17050147-013B	SAMP	PH_S	R131962	1	05/09/2017
3646285	17050147-015B	SAMP	PH_S	R131962	1	05/09/2017
3646286	17050147-017B	SAMP	PH_S	R131962	1	05/09/2017

### QC SUMMARY

Sample ID: 17050136-001BDUP	Customer ID: ZZZZZ	SampType: DUP	Units: pH Units	TestNo: SW9045C	Prep Date: 5/9/2017	Analysis Date: 5/9/2017	Run ID: PH_170509B	SeqNo: 3646268				
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
pH		9.4	0	0	0	0	0	0	9.33	0.747	20	

<b>Qualifiers:</b>	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	E - Value above quantitation range
	* - Non Accredited Parameter	H/HT - Holding Time Exceeded	

**CLIENT:** Weaver Consultants Group  
**Work Order:** 17050147  
**Project:** 3896-300-01-03B, Lake Street, Melrose Park

## ANALYTICAL QC SUMMARY REPORT

Wet Chemistry

BatchID: R131883

### ANALYTICAL RUN SUMMARY

SeqNo	Sample ID	Type	Test Code	Batch	DF	Date Analyzed
3643452	PMLK5 5/5/17	MBLK	PMOIST	R131883	1	05/06/2017
3643453	PMLCS-S5 5/5/17	LCS	PMOIST	R131883	1	05/06/2017
3643454	PMLCS-W5 5/5/17	LCS	PMOIST	R131883	1	05/06/2017
3643455	17050147-001B	SAMP	PMOIST	R131883	1	05/06/2017
3643456	17050147-001B DUP	DUP	PMOIST	R131883	1	05/06/2017
3643457	17050136-001B	SAMP	PMOIST	R131883	1	05/06/2017
3643458	17050136-003B	SAMP	PMOIST	R131883	1	05/06/2017
3643459	17050136-004B	SAMP	PMOIST	R131883	1	05/06/2017
3643460	17050136-007B	SAMP	PMOIST	R131883	1	05/06/2017
3643461	17050147-003B	SAMP	PMOIST	R131883	1	05/06/2017
3643462	17050147-005B	SAMP	PMOIST	R131883	1	05/06/2017
3643463	17050147-007B	SAMP	PMOIST	R131883	1	05/06/2017
3643464	17050147-009B	SAMP	PMOIST	R131883	1	05/06/2017
3643465	17050147-011B	SAMP	PMOIST	R131883	1	05/06/2017
3643466	17050147-013B	SAMP	PMOIST	R131883	1	05/06/2017
3643467	17050147-015B	SAMP	PMOIST	R131883	1	05/06/2017
3643468	17050147-017B	SAMP	PMOIST	R131883	1	05/06/2017
3643469	17050155-001A	SAMP	PMOIST	R131883	1	05/06/2017
3643470	17050179-001B	SAMP	PMOIST	R131883	1	05/06/2017
3643471	17050193-001A	SAMP	PMOIST	R131883	1	05/06/2017
3643472	17050203-001A	SAMP	PMOIST	R131883	1	05/06/2017

### QC SUMMARY

Sample ID: <b>PMLK5 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>MBLK</b>	Units: <b>wt%</b>	TestNo: <b>D2974</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>BALANCE_170505E</b>	SeqNo: <b>3643452</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Percent Moisture		ND		0.200			RPD Ref Val	%RPD
							RPD Limit	Qual
Sample ID: <b>PMLCS-S5 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>wt%</b>	TestNo: <b>D2974</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>BALANCE_170505E</b>	SeqNo: <b>3643453</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Percent Moisture		5.09	0.200	5	0	102	80	120
							0	0
Sample ID: <b>PMLCS-W5 5/5/17</b>	Customer ID: <b>ZZZZZ</b>	SampType: <b>LCS</b>	Units: <b>wt%</b>	TestNo: <b>D2974</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>BALANCE_170505E</b>	SeqNo: <b>3643454</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Percent Moisture		99.77	0.200	99.8	0	100	80	120
							0	0
Sample ID: <b>17050147-001B DUP</b>	Customer ID: <b>LS-SB-GP-01 / 1-3'</b>	SampType: <b>DUP</b>	Units: <b>wt%</b>	TestNo: <b>D2974</b>	Prep Date: <b>5/5/2017</b>	Analysis Date: <b>5/6/2017</b>	Run ID: <b>BALANCE_170505E</b>	SeqNo: <b>3643456</b>
Analyte		Result	PQL	SPK value	SPK Ref Val	% REC	Low Limit	High Limit
Percent Moisture		20.32	0.200	0	0	0	0	20.74
							2.05	20

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